

FEDERAL OPERATING PERMIT

A FEDERAL OPERATING PERMIT IS HEREBY ISSUED TO
The Dow Chemical Company

AUTHORIZING THE OPERATION OF
Dow Texas Operations Freeport
Specialty Chemicals 1
Other Basic Organic Chemical Manufacturing

LOCATED AT
Brazoria County, Texas
Latitude 28° 58' 57" Longitude 95° 21' 10"
Regulated Entity Number: RN100225945

This permit is issued in accordance with and subject to the Texas Clean Air Act (TCAA), Chapter 382 of the Texas Health and Safety Code and Title 30 Texas Administrative Code Chapter 122 (30 TAC Chapter 122), Federal Operating Permits. Under 30 TAC Chapter 122, this permit constitutes the permit holder's authority to operate the site and emission units listed in this permit. Operations of the site and emission units listed in this permit are subject to all additional rules or amended rules and orders of the Commission pursuant to the TCAA.

This permit does not relieve the permit holder from the responsibility of obtaining New Source Review authorization for new, modified, or existing facilities in accordance with 30 TAC Chapter 116, Control of Air Pollution by Permits for New Construction or Modification.

The site and emission units authorized by this permit shall be operated in accordance with 30 TAC Chapter 122, the general terms and conditions, special terms and conditions, and attachments contained herein.

This permit shall expire five years from the date of issuance. The renewal requirements specified in 30 TAC § 122.241 must be satisfied in order to renew the authorization to operate the site and emission units.

Permit No: 02220 Issuance Date: _____

For the Commission

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General Terms and Conditions

The permit holder shall comply with all terms and conditions contained in 30 TAC § 122.143 (General Terms and Conditions), 30 TAC § 122.144 (Recordkeeping Terms and Conditions), 30 TAC § 122.145 (Reporting Terms and Conditions), and 30 TAC § 122.146 (Compliance Certification Terms and Conditions).

In accordance with 30 TAC § 122.144(1), records of required monitoring data and support information required by this permit, or any applicable requirement codified in this permit, are required to be maintained for a period of five years from the date of the monitoring report, sample, or application unless a longer data retention period is specified in an applicable requirement. The five year record retention period supersedes any less stringent retention requirement that may be specified in a condition of a permit identified in the New Source Review Authorization attachment.

If the permit holder chooses to demonstrate that this permit is no longer required, a written request to void this permit shall be submitted to the Texas Commission on Environmental Quality (TCEQ) by the Responsible Official in accordance with 30 TAC § 122.161(e). The permit holder shall comply with the permit's requirements, including compliance certification and deviation reporting, until notified by the TCEQ that this permit is voided.

The permit holder shall comply with 30 TAC Chapter 116 by obtaining a New Source Review authorization prior to new construction or modification of emission units located in the area covered by this permit.

All reports required by this permit must include in the submittal a cover letter which identifies the following information: company name, TCEQ regulated entity number, air account number (if assigned), site name, area name (if applicable), and Air Permits Division permit number(s).

Special Terms and Conditions:

Emission Limitations and Standards, Monitoring and Testing, and Recordkeeping and Reporting

1. Permit holder shall comply with the following requirements:
 - A. Emission units (including groups and processes) in the Applicable Requirements Summary attachment shall meet the limitations, standards, equipment specifications, monitoring, recordkeeping, reporting, testing, and other requirements listed in the Applicable Requirements Summary attachment to assure compliance with the permit.
 - B. The textual description in the column titled "Textual Description" in the Applicable Requirements Summary attachment is not enforceable and is not deemed as a substitute for the actual regulatory language. The Textual Description is provided for information purposes only.
 - C. A citation listed on the Applicable Requirements Summary attachment, which has a notation [G] listed before it, shall include the referenced section and subsection for all commission rules, or paragraphs for all federal and state regulations and all subordinate paragraphs, subparagraphs and clauses, subclauses, and items contained within the referenced citation as applicable requirements.
 - D. When a grouped citation, notated with a [G] in the Applicable Requirements Summary, contains multiple compliance options, the permit holder must keep records of when each compliance option was used.

- E. Emission units subject to 40 CFR Part 63, Subpart FFFF as identified in the attached Applicable Requirements Summary table are subject to 30 TAC Chapter 113, Subchapter C, § 113.890 which incorporates the 40 CFR Part 63 Subpart by reference.
- F. Emission units subject to 40 CFR Part 63, Subpart YY as identified in the attached Applicable Requirements Summary table are subject to 30 TAC Chapter 113, Subchapter C, § 113.560 which incorporates the 40 CFR Part 63 Subpart by reference.
- G. For the purpose of generating emission reduction credits through 30 TAC Chapter 101, Subchapter H, Division 1 (Emission Credit Banking and Trading), the permit holder shall comply with the following requirements:
 - (i) Title 30 TAC § 101.302 (relating to General Provisions)
 - (ii) Title 30 TAC § 101.303 (relating to Emission Reduction Credit Generation Certification)
 - (iii) Title 30 TAC § 101.304 (relating to Mobile Emission Reduction Credit Generation and Certification)
 - (iv) Title 30 TAC § 101.309 (relating to Emission Credit Banking and Trading)
 - (v) The terms and conditions by which the emission limits are established to generate the reduction credit are applicable requirements of this permit
- H. The permit holder shall comply with the following 30 TAC Chapter 101, Subchapter H, Division 3 (Mass Emission Cap and Trade Program) Requirements:
 - (i) Title 30 TAC § 101.352 (relating to General Provisions)
 - (ii) Title 30 TAC § 101.353 (relating to Allocation of Allowances)
 - (iii) Title 30 TAC § 101.354 (relating to Allowance Deductions)
 - (iv) Title 30 TAC § 101.356 (relating to Allowance Banking and Trading)
 - (v) Title 30 TAC § 101.359 (relating to Reporting)
 - (vi) Title 30 TAC § 101.360 (relating to Level of Activity Certification)
 - (vii) The terms and conditions by which the emission limits are established to meet or exceed the cap are applicable requirements of this permit
- I. For the purpose of generating discrete emission reduction credits through 30 TAC Chapter 101, Subchapter H, Division 4 (Discrete Emission Credit Banking and Trading), the permit holder shall comply with the following requirements:
 - (i) Title 30 TAC § 101.372 (relating to General Provisions)
 - (ii) Title 30 TAC § 101.373 (relating to Discrete Emission Reduction Credit Generation and Certification)
 - (iii) Title 30 TAC § 101.374 (relating to Mobile Discrete Emission Reduction Credit Generation and Certification)

- (iv) Title 30 TAC § 101.378 (relating to Discrete Emission Credit Banking and Trading)
 - (v) The terms and conditions by which the emission limits are established to generate the discrete reduction credit are applicable requirements of this permit
- 2. The permit holder shall comply with the following sections of 30 TAC Chapter 101 (General Air Quality Rules):
 - A. Title 30 TAC § 101.1 (relating to Definitions), insofar as the terms defined in this section are used to define the terms used in other applicable requirements
 - B. Title 30 TAC § 101.3 (relating to Circumvention)
 - C. Title 30 TAC § 101.8 (relating to Sampling), if such action has been requested by the TCEQ
 - D. Title 30 TAC § 101.9 (relating to Sampling Ports), if such action has been requested by the TCEQ
 - E. Title 30 TAC § 101.10 (relating to Emissions Inventory Requirements)
 - F. Title 30 TAC § 101.201 (relating to Emission Event Reporting and Recordkeeping Requirements)
 - G. Title 30 TAC § 101.211 (relating to Scheduled Maintenance, Start-up, and Shutdown Reporting and Recordkeeping Requirements)
 - H. Title 30 TAC § 101.221 (relating to Operational Requirements)
 - I. Title 30 TAC § 101.222 (relating to Demonstrations)
 - J. Title 30 TAC § 101.223 (relating to Actions to Reduce Excessive Emissions)
- 3. Permit holder shall comply with the following requirements of 30 TAC Chapter 111:
 - A. Visible emissions from stationary vents with a flow rate of less than 100,000 actual cubic feet per minute and constructed after January 31, 1972 that are not listed in the Applicable Requirements Summary attachment for 30 TAC Chapter 111, Subchapter A, Division 1, shall not exceed 20% opacity averaged over a six-minute period. The permit holder shall comply with the following requirements for stationary vents at the site subject to this standard:
 - (i) Title 30 TAC § 111.111(a)(1)(B) (relating to Requirements for Specified Sources)
 - (ii) Title 30 TAC § 111.111(a)(1)(E)
 - (iii) Title 30 TAC § 111.111(a)(1)(F)(i), (ii), (iii), or (iv)
 - (iv) For emission units with vent emissions subject to 30 TAC § 111.111(a)(1)(B), complying with 30 TAC § 111.111(a)(1)(F)(ii), (iii), or (iv), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and NO_x, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146. These periodic monitoring requirements do not apply to

vents that are not capable of producing visible emissions such as vents that emit only colorless VOCs; vents from non-fuming liquids; vents that provide passive ventilation, such as plumbing vents; or vent emissions from any other source that does not obstruct the transmission of light. Vents, as specified in the "Applicable Requirements Summary" attachment, that are subject to the emission limitation of 30 TAC § 111.111(a)(1)(B) are not subject to the following periodic monitoring requirements:

- (1) An observation of stationary vents from emission units in operation shall be conducted at least once during each calendar quarter unless the emission unit is not operating for the entire quarter.
- (2) For stationary vents from a combustion source, if an alternative to the normally fired fuel is fired for a period greater than or equal to 24 consecutive hours, the permit holder shall conduct an observation of the stationary vent for each such period to determine if visible emissions are present. If such period is greater than 3 months, observations shall be conducted once during each quarter. Supplementing the normally fired fuel with natural gas or fuel gas to increase the net heating value to the minimum required value does not constitute creation of an alternative fuel.
- (3) Records of all observations shall be maintained.
- (4) Visible emissions observations of emission units operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of emission units operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions observations shall be made during times when the activities described in 30 TAC § 111.111(a)(1)(E) are not taking place. Visible emissions shall be determined with each stationary vent in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each stationary vent during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. A certified opacity reader is not required for visible emissions observations.
- (5) Compliance Certification:
 - (a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(1) and (a)(1)(B).
 - (b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(1)(F) as soon as practicable,

but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.

- (c) Some vents may be subject to multiple visible emission or monitoring requirements. All credible data must be considered when certifying compliance with this requirement even if the observation or monitoring was performed to demonstrate compliance with a different requirement.

B. For visible emissions from a building, enclosed facility, or other structure; the permit holder shall comply with the following requirements:

- (i) Title 30 TAC § 111.111(a)(7)(A) (relating to Requirements for Specified Sources)
- (ii) Title 30 TAC § 111.111(a)(7)(B)(i) or (ii)
- (iii) For a building containing an air emission source, enclosed facility, or other structure containing or associated with an air emission source subject to 30 TAC § 111.111(a)(7)(A), complying with 30 TAC § 111.111(a)(7)(B)(i) or (ii), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and NO_x, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146:
 - (1) An observation of visible emissions from a building containing an air emission source, enclosed facility, or other structure containing or associated with an air emission source which is required to comply with 30 TAC § 111.111(a)(7)(A) shall be conducted at least once during each calendar quarter unless the air emission source or enclosed facility is not operating for the entire quarter.
 - (2) Records of all observations shall be maintained.
 - (3) Visible emissions observations of air emission sources or enclosed facilities operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of air emission sources or enclosed facilities operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions shall be determined with each emissions outlet in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each emissions outlet during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions

outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. A certified opacity reader is not required for visible emissions observations.

(4) Compliance Certification:

- (a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(7) and (a)(7)(A).
- (b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(7)(B) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.

C. For visible emissions from all other sources not specified in 30 TAC § 111.111(a)(1), (4), or (7); the permit holder shall comply with the following requirements:

- (i) Title 30 TAC § 111.111(a)(8)(A) (relating to Requirements for Specified Sources)
- (ii) Title 30 TAC § 111.111(a)(8)(B)(i) or (ii)
- (iii) For a source subject to 30 TAC § 111.111(a)(8)(A), complying with 30 TAC § 111.111(a)(8)(B)(i) or (ii), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and NO_x, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146:
 - (1) An observation of visible emissions from a source which is required to comply with 30 TAC § 111.111(a)(8)(A) shall be conducted at least once during each calendar quarter unless the source is not operating for the entire quarter.
 - (2) Records of all observations shall be maintained.
 - (3) Visible emissions observations of sources operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of sources operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions shall be determined with each source in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each source during the observation. For outdoor locations, the observer

shall select a position where the sun is not directly in the observer's eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. A certified opacity reader is not required for visible emissions observations.

(4) Compliance Certification:

- (a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(8) and (a)(8)(A)
 - (b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(8)(B) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.
- D. Certification of opacity readers determining opacities under Method 9 (as outlined in 40 CFR Part 60, Appendix A) to comply with opacity monitoring requirements shall be accomplished by completing the Visible Emissions Evaluators Course, or approved agency equivalent, no more than 180 days before the opacity reading.
- E. For emission units with contributions from uncombined water, the permit holder shall comply with the requirements of 30 TAC § 111.111(b).
- F. Emission limits on nonagricultural processes, except for the steam generators specified in 30 TAC § 111.153, shall comply with the following requirements:
- (i) Emissions of PM from any source may not exceed the allowable rates as required in 30 TAC § 111.151(a) (relating to Allowable Emissions Limits)
 - (ii) Sources with an effective stack height (h_e) less than the standard effective stack height (H_e), must reduce the allowable emission level by multiplying it by $[h_e/H_e]^2$ as required in 30 TAC § 111.151(b)
 - (iii) Effective stack height shall be calculated by the equation specified in 30 TAC § 111.151(c)
- G. Outdoor burning, as stated in 30 TAC § 111.201, shall not be authorized unless the following requirements are satisfied:

- (i) Title 30 TAC § 111.207 (relating to Exception for Recreation, Ceremony, Cooking, and Warmth)
 - (ii) Title 30 TAC § 111.219 (relating to General Requirements for Allowable Outdoor Burning)
 - (iii) Title 30 TAC § 111.221 (relating to Responsibility for Consequences of Outdoor Burning)
- 4. The permit holder shall comply with the following requirements for units subject to any subpart of 40 CFR Part 60, unless otherwise stated in the applicable subpart:
 - A. Title 40 CFR § 60.7 (relating to Notification and Recordkeeping)
 - B. Title 40 CFR § 60.8 (relating to Performance Tests)
 - C. Title 40 CFR § 60.11 (relating to Compliance with Standards and Maintenance Requirements)
 - D. Title 40 CFR § 60.12 (relating to Circumvention)
 - E. Title 40 CFR § 60.13 (relating to Monitoring Requirements)
 - F. Title 40 CFR § 60.14 (relating to Modification)
 - G. Title 40 CFR § 60.15 (relating to Reconstruction)
 - H. Title 40 CFR § 60.19 (relating to General Notification and Reporting Requirements)
- 5. The permit holder shall comply with the requirements of 30 TAC Chapter 113, Subchapter C, § 113.100 for units subject to any subpart of 40 CFR Part 63, unless otherwise stated in the applicable subpart.
- 6. For process facilities subject to maintenance wastewater requirements as specified in 40 CFR § 63.1106(b), the permit holder shall comply with the requirements of 40 CFR § 63.105(b) - (e) (relating to Maintenance Wastewater Requirements) (Title 30 TAC Chapter 113, Subchapter C, § 113.560 incorporated by reference).
- 7. For miscellaneous chemical process facilities subject to maintenance wastewater requirements as specified in 40 CFR § 63.2485, Table 7, the permit holder shall comply with the requirements of 40 CFR § 63.105 (relating to Maintenance Wastewater Requirements) (Title 30 TAC Chapter 113, Subchapter C, § 113.890 incorporated by reference).
- 8. For miscellaneous chemical process facilities with Group 2 wastewater streams subject to wastewater operations requirements in 40 CFR Part 63, Subpart FFFF, the permit holder shall comply with the requirements of 40 CFR § 63.132(a), (a)(1), (a)(1)(i), and (a)(3) as specified in § 63.2485(a) (Title 30 TAC Chapter 113, Subchapter C, § 113.890 incorporated by reference).
- 9. For containers managing remediation materials subject to 40 CFR Part 63, Subpart GGGGG, the permit holder shall comply with the following requirements (Title 30 TAC Chapter 113, Subchapter C, § 113.1160 incorporated by reference):
 - A. Title 40 CFR § 63.922(b)(1) - (3), (c), (d), (d)(1) - (5), (e), and (f), (f)(1) - (4) (relating to Standards - Container Level 1 Controls)

- B. Title 40 CFR § 63.923(b)(1) - (3), (c), (d), (d)(1) - (5), (e), and (f), (f)(1) - (4) (relating to Standards - Container Level 2 Controls)
 - C. Title 40 CFR § 63.925(a)(1) - (8), and (b)(1) - (3) (relating to Test Methods and Procedures)
 - D. Title 40 CFR § 63.926(a)(1) - (3) (relating to Inspection and Monitoring Requirements)
 - E. Title 40 CFR § 63.7901(b) and (b)(1), for initial demonstration of compliance
 - F. Title 40 CFR § 63.7901(c), (c)(1), and (c)(2), for initial demonstration of compliance
 - G. Title 40 CFR § 63.7901(d), and (d)(1) - (4), for initial demonstration of compliance
 - H. Title 40 CFR § 63.7903(b) and (b)(1), for continuous demonstration of compliance
 - I. Title 40 CFR § 63.7903(c)(4), (c)(4)(i), and (c)(4)(ii), for continuous demonstration of compliance
 - J. Title 40 CFR § 63.7903(d)(5), (d)(5)(i), and (d)(5)(ii), for continuous demonstration of compliance
 - K. Title 40 CFR § 63.7952(c), for recordkeeping
10. The permit holder shall comply with certified registrations submitted to the TCEQ for purposes of establishing federally enforceable emission limits. A copy of the certified registration shall be maintained with the permit. Records sufficient to demonstrate compliance with the established limits shall be maintained. The certified registration and records demonstrating compliance shall be provided, on request, to representatives of the appropriate TCEQ regional office and any local air pollution control agency having jurisdiction over the site. The permit holder shall submit updated certified registrations when changes at the site require establishment of new emission limits. If changes result in emissions that do not remain below major source thresholds, the permit holder shall submit a revision application to codify the appropriate requirements in the permit.

Additional Monitoring Requirements

11. The permit holder shall comply with the periodic monitoring requirements as specified in the attached "Periodic Monitoring Summary" upon issuance of the permit. Except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments), the permit holder shall conduct all monitoring in continuous operation (or shall collect data at all required intervals) at all times that the pollutant-specific emissions unit is operating. The permit holder may elect to collect monitoring data on a more frequent basis and average the data, consistent with the averaging time or minimum frequency specified in the "Periodic Monitoring Summary," for purposes of determining whether a deviation has occurred. However, the additional data points must be collected on a regular basis. In no event shall data be collected and used in particular instances to avoid reporting deviations. Deviations shall be reported according to 30 TAC § 122.145 (Reporting Terms and Conditions).

New Source Review Authorization Requirements

12. Permit holder shall comply with the requirements of New Source Review authorizations issued or claimed by the permit holder for the permitted area, including permits, permits by rule, standard permits, flexible permits, special permits, permits for existing facilities including Voluntary

Emissions Reduction Permits and Electric Generating Facility Permits issued under 30 TAC Chapter 116, Subchapter I, or special exemptions referenced in the New Source Review Authorization References attachment. These requirements:

- A. Are incorporated by reference into this permit as applicable requirements
 - B. Shall be located with this operating permit
 - C. Are not eligible for a permit shield
13. The permit holder shall comply with the general requirements of 30 TAC Chapter 106, Subchapter A or the general requirements, if any, in effect at the time of the claim of any PBR.
14. The permit holder shall maintain records to demonstrate compliance with any emission limitation or standard that is specified in a permit by rule (PBR) or Standard Permit listed in the New Source Review Authorizations attachment. The records shall yield reliable data from the relevant time period that are representative of the emission unit's compliance with the PBR or Standard Permit. These records may include, but are not limited to, production capacity and throughput, hours of operation, safety data sheets (SDS), chemical composition of raw materials, speciation of air contaminant data, engineering calculations, maintenance records, fugitive data, performance tests, capture/control device efficiencies, direct pollutant monitoring (CEMS, COMS, or PEMS), or control device parametric monitoring. These records shall be made readily accessible and available as required by 30 TAC § 122.144. Any monitoring or recordkeeping data indicating noncompliance with the PBR or Standard Permit shall be considered and reported as a deviation according to 30 TAC § 122.145 (Reporting Terms and Conditions).

Compliance Requirements

15. The permit holder shall certify compliance in accordance with 30 TAC § 122.146. The permit holder shall comply with 30 TAC § 122.146 using at a minimum, but not limited to, the continuous or intermittent compliance method data from monitoring, recordkeeping, reporting, or testing required by the permit and any other credible evidence or information. The certification period may not exceed 12 months and the certification must be submitted within 30 days after the end of the period being certified.
16. The permit holder shall adhere to the provisions in the Compliance Schedule attachment of this permit and submit certified progress reports consistent with the schedule established under 30 TAC § 122.132(d)(4)(C) and including the information specified in 30 TAC § 122.142(d)(2). Those emission units listed in the Compliance Schedule attachment shall adhere with the requirements in the Compliance Schedule attachment until operating fully in compliance with the applicable requirements.
17. Permit holder shall comply with the following 30 TAC Chapter 117 requirements:
- A. The permit holder shall comply with the compliance schedules and submit written notification to the TCEQ Executive Director as required in 30 TAC Chapter 117, Subchapter H, Division 1:
 - (i) For sources in the Houston-Galveston-Brazoria Nonattainment area, 30 TAC § 117.9020:
 - (1) Title 30 TAC § 117.9020(2)(A), (C), and (D)
 - B. The permit holder shall comply with the Initial Control Plan unit listing requirement in 30 TAC § 117.350(c) and (c)(1).

- C. The permit holder shall comply with the requirements of 30 TAC § 117.354 for Final Control Plan Procedures for Attainment Demonstration Emission Specifications and 30 TAC § 117.356 for Revision of Final Control Plan.
18. Use of Emission Credits to comply with applicable requirements:
- A. Unless otherwise prohibited, the permit holder may use emission credits to comply with the following applicable requirements listed elsewhere in this permit:
 - (i) Title 30 TAC Chapter 115
 - (ii) Title 30 TAC Chapter 117
 - (iii) Offsets for Title 30 TAC Chapter 116
 - B. The permit holder shall comply with the following requirements in order to use the emission credits to comply with the applicable requirements:
 - (i) The permit holder must notify the TCEQ according to 30 TAC § 101.306(c)-(d)
 - (ii) The emission credits to be used must meet all the geographic, timeliness, applicable pollutant type, and availability requirements listed in 30 TAC Chapter 101, Subchapter H, Division 1
 - (iii) The executive director has approved the use of the credit according to 30 TAC § 101.306(c)-(d)
 - (iv) The permit holder keeps records of the use of credits towards compliance with the applicable requirements in accordance with 30 TAC § 101.302(g) and 30 TAC Chapter 122
 - (v) Title 30 TAC § 101.305 (relating to Emission Reductions Achieved Outside the United States)
19. Use of Discrete Emission Credits to comply with the applicable requirements:
- A. Unless otherwise prohibited, the permit holder may use discrete emission credits to comply with the following applicable requirements listed elsewhere in this permit:
 - (i) Title 30 TAC Chapter 115
 - (ii) Title 30 TAC Chapter 117
 - (iii) If applicable, offsets for Title 30 TAC Chapter 116
 - (iv) Temporarily exceed state NSR permit allowables
 - B. The permit holder shall comply with the following requirements in order to use the credit to comply with the applicable requirements:
 - (i) The permit holder must notify the TCEQ according to 30 TAC § 101.376(d)
 - (ii) The discrete emission credits to be used must meet all the geographic, timeliness, applicable pollutant type, and availability requirements listed in 30 TAC Chapter 101, Subchapter H, Division 4

- (iii) The executive director has approved the use of the discrete emission credits according to 30 TAC § 101.376(d)(1)(A)
- (iv) The permit holder keeps records of the use of credits towards compliance with the applicable requirements in accordance with 30 TAC § 101.372(h) and 30 TAC Chapter 122
- (v) Title 30 TAC § 101.375 (relating to Emission Reductions Achieved Outside the United States)

Risk Management Plan

- 20. For processes subject to 40 CFR Part 68 and specified in 40 CFR § 68.10, the permit holder shall comply with the requirements of the Accidental Release Prevention Provisions in 40 CFR Part 68. The permit holder shall submit to the appropriate agency either a compliance schedule for meeting the requirements of 40 CFR Part 68 by the date provided in 40 CFR § 68.10(a), or as part of the compliance certification submitted under this permit, a certification statement that the source is in compliance with all requirements of 40 CFR Part 68, including the registration and submission of a risk management plan.

Protection of Stratospheric Ozone

- 21. Permit holders at a site subject to Title VI of the FCAA Amendments shall meet the following requirements for protection of stratospheric ozone:
 - A. Any on site servicing, maintenance, and repair on refrigeration and nonmotor vehicle air-conditioning appliances using ozone-depleting refrigerants or non-exempt substitutes shall be conducted in accordance with 40 CFR Part 82, Subpart F. Permit holders shall ensure that repairs on or refrigerant removal from refrigeration and nonmotor vehicle air-conditioning appliances using ozone-depleting refrigerants are performed only by properly certified technicians using certified equipment. Records shall be maintained as required by 40 CFR Part 82, Subpart F.
 - B. The permit holder shall comply with 40 CFR Part 82, Subpart A for controlling the production, transformation, destruction, export or import of a controlled (ozone-depleting) substance or product as specified in 40 CFR § 82.1 - § 82.13 and the applicable Part 82 Appendices.
 - C. The permit holder shall comply with 40 CFR Part 82, Subpart A, § 82.13 related to recordkeeping and reporting requirements for the production and consumption of ozone depleting substances.

Temporary Fuel Shortages (30 TAC § 112.15)

- 22. The permit holder shall comply with the following 30 TAC Chapter 112 requirements:
 - A. Title 30 TAC § 112.15 (relating to Temporary Fuel Shortage Plan Filing Requirements)
 - B. Title 30 TAC § 112.16(a), (a)(1), and (a)(2)(B) - (C) (relating to Temporary Fuel Shortage Plan Operating Requirements)
 - C. Title 30 TAC § 112.17 (relating to Temporary Fuel Shortage Plan Notification Procedures)

- D. Title 30 TAC § 112.18 (relating to Temporary Fuel Shortage Plan Reporting Requirements)

Permit Location

23. The permit holder shall maintain a copy of this permit and records related to requirements listed in this permit on site.

Permit Shield (30 TAC § 122.148)

24. A permit shield is granted for the emission units, groups, or processes specified in the attached "Permit Shield." Compliance with the conditions of the permit shall be deemed compliance with the specified potentially applicable requirements or specified potentially applicable state-only requirements listed in the attachment "Permit Shield." Permit shield provisions shall not be modified by the executive director until notification is provided to the permit holder. No later than 90 days after notification of a change in a determination made by the executive director, the permit holder shall apply for the appropriate permit revision to reflect the new determination. Provisional terms are not eligible for this permit shield. Any term or condition, under a permit shield, shall not be protected by the permit shield if it is replaced by a provisional term or condition or the basis of the term and condition changes.

Attachments

Applicable Requirements Summary

Additional Monitoring Requirements

Permit Shield

New Source Review Authorization References

Schedules

Applicable Requirements Summary

Unit Summary 16

Applicable Requirements Summary 20

Note: A “none” entry may be noted for some emission sources in this permit’s “Applicable Requirements Summary” under the heading of “Monitoring and Testing Requirements” and/or “Recordkeeping Requirements” and/or “Reporting Requirements.” Such a notation indicates that there are no requirements for the indicated emission source as identified under the respective column heading(s) for the stated portion of the regulation when the emission source is operating under the conditions of the specified SOP Index Number. However, other relevant requirements pursuant to 30 TAC Chapter 122 including Recordkeeping Terms and Conditions (30 TAC § 122.144), Reporting Terms and Conditions (30 TAC § 122.145), and Compliance Certification Terms and Conditions (30 TAC § 122.146) continue to apply.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
A26PT12	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-01	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
A26PT18A	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-01	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
A26PT18B	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-01	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
A26PT19B	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-01	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
A26PT29	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-01	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
A26PT504	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-01	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
A26PTR26	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-01	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
A26RX528A	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-01	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
A26RX528A	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63FFFF-01	40 CFR Part 63, Subpart FFFF	No changing attributes.
A26RX528B	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-01	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
A26RX528B	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63FFFF-01	40 CFR Part 63, Subpart FFFF	No changing attributes.
A26RX528C	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-01	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
A26RX528C	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63FFFF-01	40 CFR Part 63, Subpart FFFF	No changing attributes.
A26RX528D	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-01	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
A26RX528D	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63FFFF-01	40 CFR Part 63, Subpart FFFF	No changing attributes.
A26RX6	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-01	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
A26RX6	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63FFFF-01	40 CFR Part 63, Subpart FFFF	No changing attributes.
A26RXR2	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-01	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
A26SP6A	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-01	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
A26VEB500	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	R7ICI-01	30 TAC Chapter 117, Subchapter B	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
A26VEF1	FLARES	N/A	R1111-01	30 TAC Chapter 111, Visible Emissions	No changing attributes.
A26VEF1	FLARES	N/A	60A-01	40 CFR Part 60, Subpart A	No changing attributes.
A26VEFU1	FUGITIVE EMISSION UNITS	N/A	63FFF-1	40 CFR Part 63, Subpart FFFF	No changing attributes.
A26VEFUHCN	FUGITIVE EMISSION UNITS	N/A	63YY	40 CFR Part 63, Subpart YY	No changing attributes.
A26VELR01	LOADING/UNLOADING OPERATIONS	N/A	R5211-01	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
A26VELR02	LOADING/UNLOADING OPERATIONS	N/A	R5211-01	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
A26VELR06	LOADING/UNLOADING OPERATIONS	N/A	R5211-01	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
A26VELR07	LOADING/UNLOADING OPERATIONS	N/A	R5211-01	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
A26VERX505	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63YY	40 CFR Part 63, Subpart YY	No changing attributes.
A26VEST13A	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-01	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
A26VEST13B	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-01	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
A26VEST15C	STORAGE TANKS/VESSELS	N/A	R5112-01	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
A26VEST275	STORAGE TANKS/VESSELS	N/A	R5112-01	30 TAC Chapter 115, Storage of VOCs	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
A26VEST513	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-01	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
A26VEST550	STORAGE TANKS/VESSELS	N/A	R5112-01	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
PROVER	CHEMICAL MANUFACTURING PROCESS	N/A	R5160-01	30 TAC Chapter 115, Batch Processes	No changing attributes.
PROVER	CHEMICAL MANUFACTURING PROCESS	N/A	63FFFF-01	40 CFR Part 63, Subpart FFFF	No changing attributes.

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
A26PT12	EP	R5121-01	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) < 100 lbs (45.4 kg) in any continuous 24-hour period is exempt from the requirements of § 115.121(a)(1).	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
A26PT18A	EP	R5121-01	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) < 100 lbs (45.4 kg) in any continuous 24-hour period is exempt from the requirements of § 115.121(a)(1).	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
A26PT18B	EP	R5121-01	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) < 100 lbs (45.4 kg) in any continuous 24-hour period is exempt from the requirements of § 115.121(a)(1).	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
A26PT19B	EP	R5121-01	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) < 100 lbs (45.4 kg) in any continuous 24-hour period is exempt from the requirements of § 115.121(a)(1).	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
A26PT29	EP	R5121-01	VOC	30 TAC Chapter	§ 115.127(a)(2)(A)	A vent gas stream having	[G]§ 115.125	§ 115.126	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				115, Vent Gas Controls	[G]§ 115.122(a)(4) § 115.127(a)(2)	a combined weight of volatile organic compounds (VOC) < 100 lbs (45.4 kg) in any continuous 24-hour period is exempt from the requirements of § 115.121(a)(1).	§ 115.126(2)	§ 115.126(2) § 115.126(4)	
A26PT504	EP	R5121-01	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(a)(1) § 115.121(a)(1) § 115.122(a)(1)(C)	Vent gas streams affected by §115.121(a)(1) must be controlled properly with a control efficiency of at least 90% or to a volatile organic compound (VOC) concentration of no more than 20 parts per million (ppmv) (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See Periodic Monitoring Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
A26PTR26	EP	R5121-01	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) < 100 lbs (45.4 kg) in any continuous 24-hour period is exempt from the requirements of § 115.121(a)(1).	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
A26RX528A	EP	R5121-01	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(a)(1) § 115.121(a)(1) § 115.122(a)(1)(C)	Vent gas streams affected by §115.121(a)(1) must be controlled properly with a control efficiency of at least 90% or to a volatile organic compound (VOC) concentration of no more than 20 parts per million (ppmv) (on a dry	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See Periodic Monitoring Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						basis corrected to 3.0% oxygen for combustion devices).			
A26RX528A	EP	63FFFF-01	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2455(a)-Table 1.1.a.i § 63.2450(b) § 63.2455(a) § 63.2455(b) § 63.2455(b)(1) § 63.982(c) § 63.982(c)(2) § 63.983(a)(1) § 63.983(a)(2) § 63.983(d)(1) § 63.983(d)(1)(i) [G]§ 63.983(d)(2) § 63.983(d)(3) § 63.990(a)(1) § 63.990(a)(2) § 63.996(c)(1) § 63.996(c)(2) § 63.996(c)(2)(i) § 63.996(c)(3) § 63.996(c)(4) § 63.996(c)(5) § 63.996(c)(6) § 63.997(b)(1) § 63.997(c)(3)	For each Group 1 continuous process vent, the owner or operator must reduce emissions to an outlet process concentration less than or equal to 20 ppmv as organic HAP or TOC by venting emissions through a closed-vent system to any combination of control devices (except flare).	[G]§ 63.115(d)(2)(v) § 63.115(d)(3)(iii) § 63.2450(g) § 63.2450(g)(1) § 63.2450(g)(2) [G]§ 63.2450(g)(3) § 63.2450(g)(4) § 63.2450(k)(5) § 63.2450(k)(5)(i) § 63.2450(k)(5)(ii) § 63.2450(k)(6) § 63.983(b) [G]§ 63.983(b)(1) [G]§ 63.983(b)(2) [G]§ 63.983(b)(3) [G]§ 63.983(c)(1) § 63.983(c)(2) § 63.983(c)(3) § 63.983(d)(1) § 63.983(d)(1)(ii) § 63.990(b) § 63.990(c) § 63.996(b)(1) § 63.996(b)(1)(i) § 63.996(b)(2) § 63.997(b) § 63.997(b)(1) § 63.997(c)(2) § 63.997(c)(3) § 63.997(c)(3)(iv) § 63.997(c)(3)(v)	§ 63.2450(k)(5) § 63.2450(k)(5)(iii) § 63.2450(k)(6) § 63.2525(g) § 63.2525(h) § 63.983(b) [G]§ 63.983(d)(2) § 63.990(c) § 63.996(c)(2)(ii) [G]§ 63.998(b)(1) [G]§ 63.998(b)(2) [G]§ 63.998(b)(3) [G]§ 63.998(b)(5) [G]§ 63.998(c)(1) § 63.998(c)(2)(iii) § 63.998(c)(3)(i) [G]§ 63.998(c)(3)(ii) § 63.998(c)(3)(iii) [G]§ 63.998(d)(1) § 63.998(d)(3)(i) § 63.998(d)(3)(ii) § 63.998(d)(5)	§ 63.2450(q) § 63.996(b)(2) § 63.996(c)(6) § 63.997(b)(1) § 63.997(c)(3) [G]§ 63.998(b)(3) [G]§ 63.999(a)(1) [G]§ 63.999(b)(3) § 63.999(b)(5) § 63.999(c)(1) § 63.999(c)(2)(i) § 63.999(c)(6) [G]§ 63.999(c)(6)(i) § 63.999(c)(6)(iv)
A26RX528B	EP	R5121-01	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(a)(1) § 115.121(a)(1) § 115.122(a)(1)(C)	Vent gas streams affected by §115.121(a)(1) must be controlled properly with a control efficiency of	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2)	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						at least 90% or to a volatile organic compound (VOC) concentration of no more than 20 parts per million (ppmv) (on a dry basis corrected to 3.0% oxygen for combustion devices).	** See Periodic Monitoring Summary		
A26RX528B	EP	63FFFF-01	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2455(a)-Table 1.1.a.i § 63.2450(b) § 63.2455(a) § 63.2455(b) § 63.2455(b)(1) § 63.982(c) § 63.982(c)(2) § 63.983(a)(1) § 63.983(a)(2) § 63.983(d)(1) § 63.983(d)(1)(i) [G]§ 63.983(d)(2) § 63.983(d)(3) § 63.990(a)(1) § 63.990(a)(2) § 63.996(c)(1) § 63.996(c)(2) § 63.996(c)(2)(i) § 63.996(c)(3) § 63.996(c)(4) § 63.996(c)(5) § 63.996(c)(6) § 63.997(b)(1) § 63.997(c)(3)	For each Group 1 continuous process vent, the owner or operator must reduce emissions to an outlet process concentration less than or equal to 20 ppmv as organic HAP or TOC by venting emissions through a closed-vent system to any combination of control devices (except flare).	[G]§ 63.115(d)(2)(v) § 63.115(d)(3)(iii) § 63.2450(g) § 63.2450(g)(1) § 63.2450(g)(2) [G]§ 63.2450(g)(3) § 63.2450(g)(4) § 63.2450(k)(5) § 63.2450(k)(5)(i) § 63.2450(k)(5)(ii) § 63.2450(k)(6) § 63.983(b) [G]§ 63.983(b)(1) [G]§ 63.983(b)(2) [G]§ 63.983(b)(3) [G]§ 63.983(c)(1) § 63.983(c)(2) § 63.983(c)(3) § 63.983(d)(1) § 63.983(d)(1)(ii) § 63.990(b) § 63.990(c) § 63.996(b)(1) § 63.996(b)(1)(i) § 63.996(b)(2) § 63.997(b) § 63.997(b)(1) § 63.997(c)(2) § 63.997(c)(3) § 63.997(c)(3)(iv) § 63.997(c)(3)(v)	§ 63.2450(k)(5) § 63.2450(k)(5)(iii) § 63.2450(k)(6) § 63.2525(g) § 63.2525(h) § 63.983(b) [G]§ 63.983(d)(2) § 63.990(c) § 63.996(c)(2)(ii) [G]§ 63.998(b)(1) [G]§ 63.998(b)(2) [G]§ 63.998(b)(3) [G]§ 63.998(b)(5) [G]§ 63.998(c)(1) § 63.998(c)(2)(iii) § 63.998(c)(3)(i) [G]§ 63.998(c)(3)(ii) § 63.998(c)(3)(iii) [G]§ 63.998(d)(1) § 63.998(d)(3)(i) § 63.998(d)(3)(ii) § 63.998(d)(5)	§ 63.2450(q) § 63.996(b)(2) § 63.996(c)(6) § 63.997(b)(1) § 63.997(c)(3) [G]§ 63.998(b)(3) [G]§ 63.999(a)(1) [G]§ 63.999(b)(3) § 63.999(b)(5) § 63.999(c)(1) § 63.999(c)(2)(i) § 63.999(c)(6) [G]§ 63.999(c)(6)(i) § 63.999(c)(6)(iv)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
A26RX528C	EP	R5121-01	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(a)(1) § 115.121(a)(1) § 115.122(a)(1)(C)	Vent gas streams affected by §115.121(a)(1) must be controlled properly with a control efficiency of at least 90% or to a volatile organic compound (VOC) concentration of no more than 20 parts per million (ppmv) (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See Periodic Monitoring Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
A26RX528C	EP	63FFFF-01	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2455(a)-Table 1.1.a.i § 63.2450(b) § 63.2455(a) § 63.2455(b) § 63.2455(b)(1) § 63.982(c) § 63.982(c)(2) § 63.983(a)(1) § 63.983(a)(2) § 63.983(d)(1) § 63.983(d)(1)(i) [G]§ 63.983(d)(2) § 63.983(d)(3) § 63.990(a)(1) § 63.990(a)(2) § 63.996(c)(1) § 63.996(c)(2) § 63.996(c)(2)(i) § 63.996(c)(3) § 63.996(c)(4) § 63.996(c)(5) § 63.996(c)(6) § 63.997(b)(1) § 63.997(c)(3)	For each Group 1 continuous process vent, the owner or operator must reduce emissions to an outlet process concentration less than or equal to 20 ppmv as organic HAP or TOC by venting emissions through a closed-vent system to any combination of control devices (except flare).	[G]§ 63.115(d)(2)(v) § 63.115(d)(3)(iii) § 63.2450(g) § 63.2450(g)(1) § 63.2450(g)(2) [G]§ 63.2450(g)(3) § 63.2450(g)(4) § 63.2450(k)(5) § 63.2450(k)(5)(i) § 63.2450(k)(5)(ii) § 63.2450(k)(6) § 63.983(b) [G]§ 63.983(b)(1) [G]§ 63.983(b)(2) [G]§ 63.983(b)(3) [G]§ 63.983(c)(1) § 63.983(c)(2) § 63.983(c)(3) § 63.983(d)(1) § 63.983(d)(1)(iii) § 63.990(b) § 63.990(c) § 63.996(b)(1) § 63.996(b)(1)(i) § 63.996(b)(2) § 63.997(b) § 63.997(b)(1)	§ 63.2450(k)(5) § 63.2450(k)(5)(iii) § 63.2450(k)(6) § 63.2525(g) § 63.2525(h) § 63.983(b) [G]§ 63.983(d)(2) § 63.990(c) § 63.996(c)(2)(ii) [G]§ 63.998(b)(1) [G]§ 63.998(b)(2) [G]§ 63.998(b)(3) [G]§ 63.998(b)(5) [G]§ 63.998(c)(1) § 63.998(c)(2)(iii) § 63.998(c)(3)(i) [G]§ 63.998(c)(3)(ii) § 63.998(c)(3)(iii) [G]§ 63.998(d)(1) § 63.998(d)(3)(i) § 63.998(d)(3)(ii) § 63.998(d)(5)	§ 63.2450(q) § 63.996(b)(2) § 63.996(c)(6) § 63.997(b)(1) § 63.997(c)(3) [G]§ 63.998(b)(3) [G]§ 63.999(a)(1) [G]§ 63.999(b)(3) § 63.999(b)(5) § 63.999(c)(1) § 63.999(c)(2)(i) § 63.999(c)(6) [G]§ 63.999(c)(6)(i) § 63.999(c)(6)(iv)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
							§ 63.997(c)(2) § 63.997(c)(3) § 63.997(c)(3)(iv) § 63.997(c)(3)(v)		
A26RX528D	EP	R5121-01	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(a)(1) § 115.121(a)(1) § 115.122(a)(1)(C)	Vent gas streams affected by §115.121(a)(1) must be controlled properly with a control efficiency of at least 90% or to a volatile organic compound (VOC) concentration of no more than 20 parts per million (ppmv) (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See Periodic Monitoring Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
A26RX528D	EP	63FFFF-01	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2455(a)-Table 1.1.a.i § 63.2450(b) § 63.2455(a) § 63.2455(b) § 63.2455(b)(1) § 63.982(c) § 63.982(c)(2) § 63.983(a)(1) § 63.983(a)(2) § 63.983(d)(1) § 63.983(d)(1)(i) [G]§ 63.983(d)(2) § 63.983(d)(3) § 63.990(a)(1) § 63.990(a)(2) § 63.996(c)(1) § 63.996(c)(2) § 63.996(c)(2)(i) § 63.996(c)(3) § 63.996(c)(4) § 63.996(c)(5)	For each Group 1 continuous process vent, the owner or operator must reduce emissions to an outlet process concentration less than or equal to 20 ppmv as organic HAP or TOC by venting emissions through a closed-vent system to any combination of control devices (except flare).	[G]§ 63.115(d)(2)(v) § 63.115(d)(3)(iii) § 63.2450(g) § 63.2450(g)(1) § 63.2450(g)(2) [G]§ 63.2450(g)(3) § 63.2450(g)(4) § 63.2450(k)(5) § 63.2450(k)(5)(i) § 63.2450(k)(5)(ii) § 63.2450(k)(6) § 63.983(b) [G]§ 63.983(b)(1) [G]§ 63.983(b)(2) [G]§ 63.983(b)(3) [G]§ 63.983(c)(1) § 63.983(c)(2) § 63.983(c)(3) § 63.983(d)(1) § 63.983(d)(1)(ii) § 63.990(b) § 63.990(c)	§ 63.2450(k)(5) § 63.2450(k)(5)(iii) § 63.2450(k)(6) § 63.2525(g) § 63.2525(h) § 63.983(b) [G]§ 63.983(d)(2) § 63.990(c) § 63.996(c)(2)(ii) [G]§ 63.998(b)(1) [G]§ 63.998(b)(2) [G]§ 63.998(b)(3) [G]§ 63.998(b)(5) [G]§ 63.998(c)(1) § 63.998(c)(2)(iii) § 63.998(c)(3)(i) [G]§ 63.998(c)(3)(ii) § 63.998(c)(3)(iii) [G]§ 63.998(d)(1) § 63.998(d)(3)(i) § 63.998(d)(3)(ii) § 63.998(d)(5)	§ 63.2450(q) § 63.996(b)(2) § 63.996(c)(6) § 63.997(b)(1) § 63.997(c)(3) [G]§ 63.998(b)(3) [G]§ 63.999(a)(1) [G]§ 63.999(b)(3) § 63.999(b)(5) § 63.999(c)(1) § 63.999(c)(2)(i) § 63.999(c)(6) [G]§ 63.999(c)(6)(i) § 63.999(c)(6)(iv)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.996(c)(6) § 63.997(b)(1) § 63.997(c)(3)		§ 63.996(b)(1) § 63.996(b)(1)(i) § 63.996(b)(2) § 63.997(b) § 63.997(b)(1) § 63.997(c)(2) § 63.997(c)(3) § 63.997(c)(3)(iv) § 63.997(c)(3)(v)		
A26RX6	EP	R5121-01	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) equal to or less than 100 pounds in any continuous 24-hour period is exempt from §115.121(a)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
A26RX6	EP	63FFFF-01	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2455(a)-Table 1.1.a.ii § 63.11(b) § 63.2450(b) § 63.2455(a) § 63.2455(b) § 63.2455(b)(1) § 63.982(b) § 63.983(a)(1) § 63.983(a)(2) § 63.983(d)(1) § 63.983(d)(1)(i) [G]§ 63.983(d)(2) § 63.983(d)(3) § 63.987(a) § 63.997(b)(1) § 63.997(c)(3)	For each Group 1 continuous process vent, the owner or operator must reduce emissions of total organic HAP by venting emissions through a closed vent system to a flare.	[G]§ 63.115(d)(2)(v) § 63.115(d)(3)(iii) § 63.983(b) [G]§ 63.983(b)(1) [G]§ 63.983(b)(2) [G]§ 63.983(b)(3) [G]§ 63.983(c)(1) § 63.983(c)(2) § 63.983(c)(3) § 63.983(d)(1) § 63.983(d)(1)(ii) § 63.987(c) § 63.997(b) § 63.997(b)(1) § 63.997(c)(2) § 63.997(c)(3) § 63.997(c)(3)(i) § 63.997(c)(3)(ii)	§ 63.2450(f)(2) § 63.2450(f)(2)(i) § 63.2450(f)(2)(ii) § 63.983(b) [G]§ 63.983(d)(2) § 63.987(c) § 63.998(a)(1)(ii) § 63.998(a)(1)(iii)(A) § 63.998(a)(1)(iii)(B) [G]§ 63.998(b)(1) [G]§ 63.998(b)(2) [G]§ 63.998(b)(3) [G]§ 63.998(b)(5) [G]§ 63.998(d)(1) § 63.998(d)(3)(i) § 63.998(d)(3)(ii) § 63.998(d)(5)	§ 63.2450(f)(2)(ii) § 63.2450(q) § 63.997(b)(1) § 63.997(c)(3) § 63.998(a)(1)(iii)(A) [G]§ 63.998(b)(3) [G]§ 63.999(a)(1) § 63.999(b)(5) § 63.999(c)(1) § 63.999(c)(2)(i) § 63.999(c)(3) § 63.999(c)(6) [G]§ 63.999(c)(6)(i) § 63.999(c)(6)(iv) [G]§ 63.999(d)(1) [G]§ 63.999(d)(2)
A26RXR2	EP	R5121-01	VOC	30 TAC Chapter 115, Vent Gas	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4)	A vent gas stream having a combined weight of	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				Controls	§ 115.127(a)(2)	volatile organic compounds (VOC) < 100 lbs (45.4 kg) in any continuous 24-hour period is exempt from the requirements of § 115.121(a)(1).		§ 115.126(4)	
A26SP6A	EP	R5121-01	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) < 100 lbs (45.4 kg) in any continuous 24-hour period is exempt from the requirements of § 115.121(a)(1).	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
A26VEB500	EU	R7ICI-01	NO _x	30 TAC Chapter 117, Subchapter B	§ 117.310(d)(3) § 117.310(a) § 117.310(a)(1)(B) § 117.310(b) [G]§ 117.310(e)(1) § 117.310(e)(2) [G]§ 117.310(e)(3) § 117.310(e)(4) § 117.340(l)(2) § 117.340(p)(1) § 117.340(p)(2)(C) § 117.340(p)(3)	An owner or operator may not use the alternative methods specified in §§ 117.315, 117.323 and 117.9800 to comply with the NO _x emission specifications but shall use the mass emissions cap and trade program in Chapter 101, Subchapter H, Division 3, except that electric generating facilities must also comply with the daily and 30-day system cap emission limitations of § 117.320. An owner or operator may use the alternative methods specified in § 117.9800 to comply with § 117.320.	[G]§ 117.335(a)(1) § 117.335(a)(4) § 117.335(b) § 117.335(d) § 117.335(e) § 117.335(g) § 117.340(a) § 117.340(l)(2) § 117.340(o)(1) § 117.340(p)(1) § 117.340(p)(2)(A) § 117.340(p)(2)(B) § 117.340(p)(2)(C) § 117.8000(b) § 117.8000(c) § 117.8000(c)(1) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d)	§ 117.345(a) § 117.345(f) § 117.345(f)(1) § 117.345(f)(9)	§ 117.335(b) § 117.335(g) § 117.340(p)(2)(D) [G]§ 117.345(b) [G]§ 117.345(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) § 117.8010(2)(C) § 117.8010(2)(D) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7) [G]§ 117.8010(8)
A26VEB500	EU	R7ICI-01	CO	30 TAC Chapter	§ 117.310(c)(1)	CO emissions must not	[G]§ 117.335(a)(1)	§ 117.345(a)	§ 117.335(b)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				117, Subchapter B	§ 117.310(c)(1)(B) § 117.310(c)(3) § 117.8120	exceed 400 ppmv at 3.0% O ₂ , dry basis.	§ 117.335(a)(4) § 117.335(b) § 117.335(d) § 117.335(e) § 117.335(g) § 117.340(a) § 117.8000(b) § 117.8000(c) § 117.8000(c)(2) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d) § 117.8120(2) [G]§ 117.8120(2)(A) § 117.8120(2)(B)	§ 117.345(f) § 117.345(f)(1) § 117.345(f)(9)	§ 117.335(g) [G]§ 117.345(b) [G]§ 117.345(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7) [G]§ 117.8010(8)
A26VEF1	EU	R1111-01	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(4)(A)	Visible emissions from a process gas flare shall not be permitted for more than five minutes in any two-hour period, except for upset emissions as provided in §101.222(b).	§ 111.111(a)(4)(A)(i) § 111.111(a)(4)(A)(ii)	§ 111.111(a)(4)(A)(ii)	None
A26VEF1	CD	60A-01	Opacity	40 CFR Part 60, Subpart A	§ 60.18(b) § 60.18(c)(1) § 60.18(c)(2) § 60.18(c)(3)(ii) § 60.18(c)(4)(ii) § 60.18(c)(6) § 60.18(e)	Flares shall comply with paragraphs (c)-(f) of § 60.18.	§ 60.18(d) § 60.18(f)(1) § 60.18(f)(2) § 60.18(f)(3) § 60.18(f)(4)	None	None
A26VEFU1	EU	63FFFF-1	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2480(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart FFFF	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart FFFF	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart FFFF	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart FFFF	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart FFFF

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
A26VEFUHCN	EU	63YY	112(B) HAPS	40 CFR Part 63, Subpart YY	§ 63.1103 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart YY
A26VELR01	EU	R5211-01	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(a)(1) § 115.212(a)(2) § 115.214(a)(1)(B) § 115.214(a)(1)(D) § 115.214(a)(1)(D)(i)	Vapor pressure (at land-based operations). All land-based loading and unloading of VOC with a true vapor pressure less than 0.5 psia is exempt from the requirements of this division, except as specified.	§ 115.214(a)(1)(A) § 115.214(a)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3)(B)	None
A26VELR02	EU	R5211-01	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(a)(1) § 115.212(a)(2) § 115.214(a)(1)(B) § 115.214(a)(1)(D) § 115.214(a)(1)(D)(i)	Vapor pressure (at land-based operations). All land-based loading and unloading of VOC with a true vapor pressure less than 0.5 psia is exempt from the requirements of this division, except as specified.	§ 115.214(a)(1)(A) § 115.214(a)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3)(B)	None
A26VELR06	EU	R5211-01	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(a)(1) § 115.212(a)(2) § 115.214(a)(1)(B) § 115.214(a)(1)(D) § 115.214(a)(1)(D)(i)	Vapor pressure (at land-based operations). All land-based loading and unloading of VOC with a true vapor pressure less than 0.5 psia is exempt from the requirements of this division, except as specified.	§ 115.214(a)(1)(A) § 115.214(a)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3)(B)	None
A26VELR07	EU	R5211-01	VOC	30 TAC Chapter 115, Loading	§ 115.212(a)(3) § 115.212(a)(2)	All land-based VOC transfer to or from	§ 115.212(a)(3)(B) § 115.214(a)(1)(A)	§ 115.216 § 115.216(3)(A)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				and Unloading of VOC	§ 115.212(a)(3)(A) § 115.212(a)(3)(A)(i) § 115.212(a)(3)(B) [G]§ 115.212(a)(3)(C) § 115.212(a)(3)(D) § 115.214(a)(1)(B) § 115.214(a)(1)(C)	transport vessels shall be conducted in the manner specified for leak-free operations.	§ 115.214(a)(1)(A)(i) § 115.214(a)(1)(A)(ii) § 115.214(a)(1)(A)(iii)	§ 115.216(3)(A)(i) § 115.216(3)(A)(iii)	
A26VERX505	EU	63YY	112(B) HAPS	40 CFR Part 63, Subpart YY	§ 63.1103 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart YY
A26VEST13A	EU	R5121-01	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(a)(1) § 115.121(a)(1) § 115.122(a)(1)(B) § 60.18	Vent gas streams affected by §115.121(a)(1) must be controlled properly with a control efficiency of at least 90% or to a volatile organic compound (VOC) concentration of no more than 20 parts per million (ppmv) (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(B) § 115.126(2)	§ 115.126 § 115.126(1) § 115.126(1)(B) § 115.126(2)	None
A26VEST13B	EU	R5121-01	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(a)(1) § 115.121(a)(1) § 115.122(a)(1)(B) § 60.18	Vent gas streams affected by §115.121(a)(1) must be controlled properly with a control efficiency of at least 90% or to a volatile organic compound (VOC) concentration of no more than 20 parts per million (ppmv) (on a dry basis corrected to 3.0% oxygen for combustion	[G]§ 115.125 § 115.126(1) § 115.126(1)(B) § 115.126(2)	§ 115.126 § 115.126(1) § 115.126(1)(B) § 115.126(2)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						devices).			
A26VEST15C	EU	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
A26VEST275	EU	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
A26VEST513	EU	R5121-01	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(a)(1) § 115.121(a)(1) § 115.122(a)(1)(B) § 60.18	Vent gas streams affected by §115.121(a)(1) must be controlled properly with a control efficiency of at least 90% or to a volatile organic compound (VOC) concentration of no more than 20 parts per million (ppmv) (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(B) § 115.126(2)	§ 115.126 § 115.126(1) § 115.126(1)(B) § 115.126(2)	None
A26VEST550	EU	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
PROVER	PRO	R5160-01	VOC	30 TAC Chapter 115, Batch	§ 115.167(2) § 115.162(3)	Combined vents from a batch process train or	§ 115.164(1) § 115.164(2)	§ 115.166 [G]§ 115.166(2)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				Processes		single unit operations that meet the criteria in § 115.162(2)(A) or (B), respectively, are exempt from the requirements of this division, except for §§115.161(b) and (C), 115.164, and 115.166(2).	§ 115.166 [G]§ 115.166(2)		
PROVER	PRO	63FFFF-01	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2440(a) § 63.2450(a) § 63.2450(l) § 63.2460(c)(1)	This subpart applies to each miscellaneous organic chemical manufacturing affected source.	§ 63.2445(d) § 63.2460(c)(2)(v)	§ 63.2525 § 63.2525(a) [G]§ 63.2525(b) § 63.2525(c) § 63.2525(f) § 63.2525(j)	§ 63.2435(d) § 63.2445(c) § 63.2450(g)(5) § 63.2450(m) § 63.2450(m)(1) § 63.2450(m)(2) § 63.2460(c)(1) § 63.2515(a) § 63.2515(b)(1) § 63.2515(c) § 63.2520(a) [G]§ 63.2520(b) [G]§ 63.2520(c) [G]§ 63.2520(d) § 63.2520(e) § 63.2520(e)(1) [G]§ 63.2520(e)(10) § 63.2520(e)(2) § 63.2520(e)(3) § 63.2520(e)(4) § 63.2520(e)(5) § 63.2520(e)(5)(i) [G]§ 63.2520(e)(5)(ii) [G]§ 63.2520(e)(5)(iii) § 63.2520(e)(6) § 63.2520(e)(7) § 63.2520(e)(9)

Additional Monitoring Requirements

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Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: A26PT504	
Control Device ID No.: A26VEB500	Control Device Type: Steam Generating Unit (Boiler)/Process Heater (Design heat input is less than 44MW)
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-01
Pollutant: VOC	Main Standard: § 115.122(a)(1)
Monitoring Information	
Indicator: Combustion Temperature / Exhaust Gas Temperature	
Minimum Frequency: Once per week	
Averaging Period: n/a	
Deviation Limit: Minimum combustion temperature of 1300 degrees F or the value determined by the latest compliance test	
Periodic Monitoring Text: Measure and record the combustion temperature in the combustion chamber or immediately downstream of the combustion chamber into which the volatile organic compound is introduced. Any monitoring data below the minimum limit shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: A26RX528A	
Control Device ID No.: A26SV509	Control Device Type: Absorber (Direct Absorption)
Control Device ID No.: A26SV510	Control Device Type: Absorber (Direct Absorption)
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-01
Pollutant: VOC	Main Standard: § 115.122(a)(1)
Monitoring Information	
Indicator: Liquid to Gas Ratio and Liquid Supply Pressure	
Minimum Frequency: Weekly	
Averaging Period: n/a	
Deviation Limit: A26SV509: Minimum Liquid to Gas Ratio = 5.6 lb/lb and Minimum Liquid Supply Pressure = 5.0 psig A26SV510: Minimum Liquid to Gas Ratio = 5.6 lb/lb and Minimum Liquid Supply Pressure = 3.6 psig	
<p>Periodic Monitoring Text: A26SV509:</p> <p>Measure and record the liquid-to-gas ratio. The monitoring instrumentation shall be maintained, calibrated, and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data below the minimum limit, 5.6lb/lb, shall be considered and reported as a deviation. Measure and record the liquid supply pressure. The monitoring instrumentation shall be maintained, calibrated, and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data below the minimum limit, 5.0 psig, shall be considered and reported as a deviation.</p> <p>A26SV510:</p> <p>Measure and record the liquid-to-gas ratio. The monitoring instrumentation shall be maintained, calibrated, and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data below the minimum limit, 5.6lb/lb, shall be considered and reported as a deviation. Measure and record the liquid supply pressure. The monitoring instrumentation shall be maintained, calibrated, and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data below the minimum limit, 3.6 psig, shall be considered and reported as a deviation.</p>	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: A26RX528B	
Control Device ID No.: A26SV509	Control Device Type: Absorber (Direct Absorption)
Control Device ID No.: A26SV510	Control Device Type: Absorber (Direct Absorption)
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-01
Pollutant: VOC	Main Standard: § 115.122(a)(1)
Monitoring Information	
Indicator: Liquid to Gas Ratio and Liquid Supply Pressure	
Minimum Frequency: Weekly	
Averaging Period: n/a	
Deviation Limit: A26SV509: Minimum Liquid to Gas Ratio = 5.6 lb/lb and Minimum Liquid Supply Pressure = 5.0 psig A26SV510: Minimum Liquid to Gas Ratio = 5.6 lb/lb and Minimum Liquid Supply Pressure = 3.6 psig	
<p>Periodic Monitoring Text: A26SV509:</p> <p>Measure and record the liquid-to-gas ratio. The monitoring instrumentation shall be maintained, calibrated, and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data below the minimum limit, 5.6lb/lb, shall be considered and reported as a deviation. Measure and record the liquid supply pressure. The monitoring instrumentation shall be maintained, calibrated, and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data below the minimum limit, 5.0 psig, shall be considered and reported as a deviation.</p> <p>A26SV510:</p> <p>Measure and record the liquid-to-gas ratio. The monitoring instrumentation shall be maintained, calibrated, and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data below the minimum limit, 5.6lb/lb, shall be considered and reported as a deviation. Measure and record the liquid supply pressure. The monitoring instrumentation shall be maintained, calibrated, and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data below the minimum limit, 3.6 psig, shall be considered and reported as a deviation.</p>	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: A26RX528C	
Control Device ID No.: A26SV509	Control Device Type: Absorber (Direct Absorption)
Control Device ID No.: A26SV510	Control Device Type: Absorber (Direct Absorption)
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-01
Pollutant: VOC	Main Standard: § 115.122(a)(1)
Monitoring Information	
Indicator: Liquid to Gas Ratio and Liquid Supply Pressure	
Minimum Frequency: Weekly	
Averaging Period: n/a	
Deviation Limit: A26SV509: Minimum Liquid to Gas Ratio = 5.6 lb/lb and Minimum Liquid Supply Pressure = 5.0 psig A26SV510: Minimum Liquid to Gas Ratio = 5.6 lb/lb and Minimum Liquid Supply Pressure = 3.6 psig	
<p>Periodic Monitoring Text: A26SV509:</p> <p>Measure and record the liquid-to-gas ratio. The monitoring instrumentation shall be maintained, calibrated, and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data below the minimum limit, 5.6lb/lb, shall be considered and reported as a deviation. Measure and record the liquid supply pressure. The monitoring instrumentation shall be maintained, calibrated, and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data below the minimum limit, 5.0 psig, shall be considered and reported as a deviation.</p> <p>A26SV510:</p> <p>Measure and record the liquid-to-gas ratio. The monitoring instrumentation shall be maintained, calibrated, and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data below the minimum limit, 5.6lb/lb, shall be considered and reported as a deviation. Measure and record the liquid supply pressure. The monitoring instrumentation shall be maintained, calibrated, and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data below the minimum limit, 3.6 psig, shall be considered and reported as a deviation.</p>	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: A26RX528D	
Control Device ID No.: A26SV509	Control Device Type: Absorber (Direct Absorption)
Control Device ID No.: A26SV510	Control Device Type: Absorber (Direct Absorption)
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-01
Pollutant: VOC	Main Standard: § 115.122(a)(1)
Monitoring Information	
Indicator: Liquid Flow Rate and Gas Flow Rate	
Minimum Frequency: Weekly	
Averaging Period: n/a	
Deviation Limit: A26SV509: Minimum Liquid to Gas Ratio = 5.6 lb/lb and Minimum Liquid Supply Pressure = 5.0 psig A26SV510: Minimum Liquid to Gas Ratio = 5.6 lb/lb and Minimum Liquid Supply Pressure = 3.6 psig	
<p>Periodic Monitoring Text: A26SV509:</p> <p>Measure and record the liquid-to-gas ratio. The monitoring instrumentation shall be maintained, calibrated, and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data below the minimum limit, 5.6lb/lb, shall be considered and reported as a deviation. Measure and record the liquid supply pressure. The monitoring instrumentation shall be maintained, calibrated, and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data below the minimum limit, 5.0 psig, shall be considered and reported as a deviation.</p> <p>A26SV510:</p> <p>Measure and record the liquid-to-gas ratio. The monitoring instrumentation shall be maintained, calibrated, and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data below the minimum limit, 5.6lb/lb, shall be considered and reported as a deviation. Measure and record the liquid supply pressure. The monitoring instrumentation shall be maintained, calibrated, and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data below the minimum limit, 3.6 psig, shall be considered and reported as a deviation.</p>	

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The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
A26DU505A	N/A	40 CFR Part 60, Subpart NNN	Affected facility does not meet the definition of a SOCMI distillation operation and does not produce any of the chemicals listed in 60.667.
A26DU514	N/A	40 CFR Part 60, Subpart NNN	Affected facility does not meet the definition of a SOCMI distillation operation and does not produce any of the chemicals listed in 60.667.
A26DUT-1	N/A	40 CFR Part 60, Subpart NNN	Affected facility does not meet the definition of a SOCMI distillation operation and does not produce any of the chemicals listed in 60.667.
A26DUT-11	N/A	40 CFR Part 60, Subpart NNN	Affected facility does not meet the definition of a SOCMI distillation operation and does not produce any of the chemicals listed in 60.667.
A26DUT-515	N/A	40 CFR Part 60, Subpart NNN	Affected facility does not meet the definition of a SOCMI distillation operation and does not produce any of the chemicals listed in 60.667.
A26PT202	N/A	30 TAC Chapter 115, Storage of VOCs	Does not store VOCs
A26PT202	N/A	40 CFR Part 60, Subpart K	Constructed after June 11, 1973 and prior to May 19, 1978 and does not store petroleum liquids.
A26PT202	N/A	40 CFR Part 61, Subpart FF	Is not located at a chemical manufacturing plant, coke by-product recovery plant, or petroleum refinery that contains, produces, or stores benzene waste.
A26PT202	N/A	40 CFR Part 61, Subpart Y	Does not store benzene
A26PT204	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity < 1,000 gallons
A26PT204	N/A	40 CFR Part 60, Subpart Kb	Constructed after July 23, 1984 and design capacity < 19,800 gallons

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Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
A26PT204	N/A	40 CFR Part 61, Subpart FF	Does not contain or store benzene waste
A26PT204	N/A	40 CFR Part 61, Subpart Y	Does not store benzene
A26PT205	N/A	40 CFR Part 60, Subpart Kb	Does not store VOL
A26PT205	N/A	40 CFR Part 61, Subpart FF	Does not contain or store benzene waste
A26PT205	N/A	40 CFR Part 61, Subpart Y	Does not store benzene
A26PT206	N/A	30 TAC Chapter 115, Storage of VOCs	Does not store VOCs
A26PT206	N/A	40 CFR Part 61, Subpart FF	Does not contain or store benzene waste
A26PT206	N/A	40 CFR Part 61, Subpart Y	Does not store benzene
A26PT208	N/A	30 TAC Chapter 115, Storage of VOCs	Does not store VOCs
A26PT208	N/A	40 CFR Part 60, Subpart Kb	Does not store VOL
A26PT208	N/A	40 CFR Part 61, Subpart FF	Is not located at a chemical manufacturing plant, coke by-product recovery plant, or petroleum refinery that contains, produces, or stores benzene waste.
A26PT208	N/A	40 CFR Part 61, Subpart Y	Does not store benzene
A26PT209	N/A	30 TAC Chapter 115, Storage of VOCs	Does not store VOCs
A26PT209	N/A	40 CFR Part 60, Subpart K	Constructed after June 11, 1973 and prior to May 19, 1978 and does not store petroleum liquids
A26PT209	N/A	40 CFR Part 61, Subpart FF	Is not located at a chemical manufacturing plant, coke by-product recovery plant, or petroleum refinery that contains, produces, or stores benzene waste.
A26PT209	N/A	40 CFR Part 61, Subpart Y	Does not store benzene
A26PT210	N/A	30 TAC Chapter 115, Storage of VOCs	Does not store VOCs

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Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
A26PT210	N/A	40 CFR Part 60, Subpart Kb	Constructed after July 23, 1984 and design capacity < 19,800 gallons
A26PT210	N/A	40 CFR Part 61, Subpart FF	Is not located at a chemical manufacturing plant, coke by-product recovery plant, or petroleum refinery that contains, produces, or stores benzene waste.
A26PT210	N/A	40 CFR Part 61, Subpart Y	Does not store benzene
A26PT219	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity < 1,000 gallons
A26PT219	N/A	40 CFR Part 60, Subpart Kb	Constructed after July 23, 1984 and design capacity < 19,800 gallons
A26PT219	N/A	40 CFR Part 61, Subpart FF	Is not located at a chemical manufacturing plant, coke by-product recovery plant, or petroleum refinery that contains, produces, or stores benzene waste.
A26PT219	N/A	40 CFR Part 61, Subpart Y	Does not store benzene
A26PT25B	N/A	30 TAC Chapter 115, Storage of VOCs	Does not store VOCs
A26PT25B	N/A	40 CFR Part 60, Subpart Kb	Constructed after July 23, 1984, design capacity < 39,900 gallons and TVP < 0.5 psia
A26PT25B	N/A	40 CFR Part 61, Subpart FF	Does not contain or store benzene waste
A26PT25B	N/A	40 CFR Part 61, Subpart Y	Does not store benzene
A26PT2B	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity < 1,000 gallons
A26PT2B	N/A	40 CFR Part 60, Subpart Kb	Constructed after July 23, 1984 and design capacity < 19,800 gallons
A26PT2B	N/A	40 CFR Part 61, Subpart FF	Is not located at a chemical manufacturing plant, coke by-product recovery plant, or petroleum refinery that contains, produces, or stores benzene waste.

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The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
A26PT2B	N/A	40 CFR Part 61, Subpart Y	Does not store benzene
A26PT524	N/A	30 TAC Chapter 115, Storage of VOCs	Does not store VOCs
A26PT524	N/A	40 CFR Part 60, Subpart Kb	Constructed after July 23, 1984, design capacity > 39,900 gallons and TVP < 0.5 psia
A26PT524	N/A	40 CFR Part 61, Subpart FF	Does not contain or store benzene waste
A26PT524	N/A	40 CFR Part 61, Subpart Y	Does not store benzene
A26PT600A	N/A	30 TAC Chapter 115, Storage of VOCs	Does not store VOCs
A26PT600A	N/A	40 CFR Part 60, Subpart Kb	Constructed after July 23, 1984 and design capacity < 19,800 gallons
A26PT600A	N/A	40 CFR Part 61, Subpart FF	Is not located at a chemical manufacturing plant, coke by-product recovery plant, or petroleum refinery that contains, produces, or stores benzene waste.
A26PT600A	N/A	40 CFR Part 61, Subpart Y	Does not store benzene
A26PT600B	N/A	30 TAC Chapter 115, Storage of VOCs	Does not store VOCs
A26PT600B	N/A	40 CFR Part 60, Subpart K	Constructed after June 11, 1973 and prior to May 19, 1978 and does not store petroleum liquids
A26PT600B	N/A	40 CFR Part 61, Subpart FF	Is not located at a chemical manufacturing plant, coke by-product recovery plant, or petroleum refinery that contains, produces, or stores benzene waste.
A26PT600B	N/A	40 CFR Part 61, Subpart Y	Does not store benzene
A26PT600C	N/A	30 TAC Chapter 115, Storage of VOCs	Does not store VOCs
A26PT600C	N/A	40 CFR Part 60, Subpart K	Constructed after June 11, 1973 and prior to May 19, 1978 and does not store petroleum liquids

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The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
A26PT600C	N/A	40 CFR Part 61, Subpart FF	Is not located at a chemical manufacturing plant, coke by-product recovery plant, or petroleum refinery that contains, produces, or stores benzene waste.
A26PT600C	N/A	40 CFR Part 61, Subpart Y	Does not store benzene
A26PT600D	N/A	30 TAC Chapter 115, Storage of VOCs	Does not store VOCs
A26PT600D	N/A	40 CFR Part 60, Subpart K	Constructed after June 11, 1973 and prior to May 19, 1978 and does not store petroleum liquids
A26PT600D	N/A	40 CFR Part 61, Subpart FF	Is not located at a chemical manufacturing plant, coke by-product recovery plant, or petroleum refinery that contains, produces, or stores benzene waste.
A26PT600D	N/A	40 CFR Part 61, Subpart Y	Does not store benzene
A26PT603	N/A	30 TAC Chapter 115, Storage of VOCs	Does not store VOCs
A26PT603	N/A	40 CFR Part 61, Subpart FF	Is not located at a chemical manufacturing plant, coke by-product recovery plant, or petroleum refinery that contains, produces, or stores benzene waste.
A26PT603	N/A	40 CFR Part 61, Subpart Y	Does not store benzene
A26PT607	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity < 1,000 gallons
A26PT607	N/A	40 CFR Part 60, Subpart Kb	Constructed after July 23, 1984 and design capacity < 19,800 gallons
A26PT607	N/A	40 CFR Part 61, Subpart FF	Is not located at a chemical manufacturing plant, coke by-product recovery plant, or petroleum refinery that contains, produces, or stores benzene waste.
A26PT607	N/A	40 CFR Part 61, Subpart Y	Does not store benzene
A26PT624	N/A	30 TAC Chapter 115, Storage of VOCs	Does not store VOCs

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Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
A26PT624	N/A	40 CFR Part 60, Subpart Kb	Does not store VOL
A26PT624	N/A	40 CFR Part 61, Subpart FF	Is not located at a chemical manufacturing plant, coke by-product recovery plant, or petroleum refinery that contains, produces, or stores benzene waste.
A26PT624	N/A	40 CFR Part 61, Subpart Y	Does not store benzene
A26PTR24	N/A	30 TAC Chapter 115, Storage of VOCs	Does not store VOCs
A26PTR24	N/A	40 CFR Part 61, Subpart FF	Is not located at a chemical manufacturing plant, coke by-product recovery plant, or petroleum refinery that contains, produces, or stores benzene waste.
A26PTR24	N/A	40 CFR Part 61, Subpart Y	Does not store benzene
A26RX528A	N/A	40 CFR Part 60, Subpart III	Affected facility does not meet the definition of an oxidation reactor and does not produce any of the chemicals listed in 60.617.
A26RX528A	N/A	40 CFR Part 60, Subpart RRR	Affected facility does not meet the definition of a SOCM chemical reactor process and does not produce any of the chemicals listed in 60.707
A26RX528B	N/A	40 CFR Part 60, Subpart III	Affected facility does not meet the definition of an oxidation reactor and does not produce any of the chemicals listed in 60.617.
A26RX528B	N/A	40 CFR Part 60, Subpart RRR	Affected facility does not meet the definition of a SOCM chemical reactor process and does not produce any of the chemicals listed in 60.707.
A26RX528C	N/A	40 CFR Part 60, Subpart III	Affected facility does not meet the definition of an oxidation reactor and does not produce any of the chemicals listed in 60.617.

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The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
A26RX528C	N/A	40 CFR Part 60, Subpart RRR	Affected facility does not meet the definition of a SOCM chemical reactor process and does not produce any of the chemicals listed in 60.707.
A26RX528D	N/A	40 CFR Part 60, Subpart III	Affected facility does not meet the definition of an oxidation reactor and does not produce any of the chemicals listed in 60.617.
A26RX528D	N/A	40 CFR Part 60, Subpart RRR	Affected facility does not meet the definition of a SOCM chemical reactor process and does not produce any of the chemicals listed in 60.707.
A26RX6	N/A	40 CFR Part 60, Subpart NNN	Affected facility does not meet the definition of a SOCM distillation operation and does not produce any of the chemicals listed in 60.667.
A26RXR2	N/A	40 CFR Part 60, Subpart III	Affected facility does not meet the definition of an oxidation reactor and does not produce any of the chemicals listed in 60.617.
A26RXR2	N/A	40 CFR Part 60, Subpart RRR	Affected facility does not meet the definition of a SOCM chemical reactor process and does not produce any of the chemicals listed in 60.707.
A26RXR3B	N/A	40 CFR Part 60, Subpart III	Affected facility does not meet the definition of an oxidation reactor and does not produce any of the chemicals listed in 60.617.
A26RXR3B	N/A	40 CFR Part 60, Subpart RRR	Affected facility does not meet the definition of a SOCM chemical reactor process and does not produce any of the chemicals listed in 60.707.
A26RXR505	N/A	40 CFR Part 60, Subpart III	Affected facility does not meet the definition of an oxidation reactor and does not produce any of the

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The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
			chemicals listed in 60.617.
A26RXR505	N/A	40 CFR Part 60, Subpart RRR	Affected facility does not meet the definition of a SOCMI chemical reactor process and does not produce any of the chemicals listed in 60.707.
A26RXR526	N/A	40 CFR Part 60, Subpart III	Affected facility does not meet the definition of an oxidation reactor and does not produce any of the chemicals listed in 60.617.
A26RXR526	N/A	40 CFR Part 60, Subpart RRR	Affected facility does not meet the definition of a SOCMI chemical reactor process and does not produce any of the chemicals listed in 60.707.
A26RXR527	N/A	40 CFR Part 60, Subpart III	Affected facility does not meet the definition of an oxidation reactor and does not produce any of the chemicals listed in 60.617.
A26RXR527	N/A	40 CFR Part 60, Subpart RRR	Affected facility does not meet the definition of a SOCMI chemical reactor process and does not produce any of the chemicals listed in 60.707.
A26RXR605	N/A	40 CFR Part 60, Subpart III	Affected facility does not meet the definition of an oxidation reactor and does not produce any of the chemicals listed in 60.617.
A26RXR605	N/A	40 CFR Part 60, Subpart RRR	Affected facility does not meet the definition of a SOCMI chemical reactor process and does not produce any of the chemicals listed in 60.707.
A26SP6A	N/A	40 CFR Part 61, Subpart FF	Does not contain or store benzene waste.
A26ST105	N/A	30 TAC Chapter 115, Storage of VOCs	Does not store VOCs
A26ST105	N/A	40 CFR Part 61, Subpart FF	Is not located at a chemical manufacturing plant,

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Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
			coke by-product recovery plant, or petroleum refinery that contains, produces, or stores benzene waste.
A26ST105	N/A	40 CFR Part 61, Subpart Y	Does not store benzene
A26ST106	N/A	30 TAC Chapter 115, Storage of VOCs	Does not store VOCs
A26ST106	N/A	40 CFR Part 61, Subpart FF	Does not contain or store benzene waste
A26ST106	N/A	40 CFR Part 61, Subpart Y	Does not store benzene
A26ST109	N/A	30 TAC Chapter 115, Storage of VOCs	Does not store VOCs
A26ST109	N/A	40 CFR Part 61, Subpart FF	Does not contain or store benzene waste
A26ST109	N/A	40 CFR Part 61, Subpart Y	Does not store benzene
A26ST111	N/A	30 TAC Chapter 115, Storage of VOCs	Does not store VOCs
A26ST111	N/A	40 CFR Part 60, Subpart Kb	Constructed after July 23, 1984 and design capacity < 19,800 gallons
A26ST111	N/A	40 CFR Part 61, Subpart FF	Does not contain or store benzene waste
A26ST111	N/A	40 CFR Part 61, Subpart Y	Does not store benzene
A26ST15D	N/A	30 TAC Chapter 115, Storage of VOCs	Does not store VOCs
A26ST15D	N/A	40 CFR Part 60, Subpart K	Constructed after June 11, 1973 and prior to May 19, 1978 and does not store petroleum liquids
A26ST15D	N/A	40 CFR Part 61, Subpart FF	Does not contain or store benzene waste
A26ST15D	N/A	40 CFR Part 61, Subpart Y	Does not store benzene
A26ST20A	N/A	30 TAC Chapter 115, Storage of VOCs	Does not store VOCs
A26ST20A	N/A	40 CFR Part 61, Subpart FF	Does not contain or store benzene waste

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Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
A26ST20A	N/A	40 CFR Part 61, Subpart Y	Does not store benzene
A26ST20B	N/A	30 TAC Chapter 115, Storage of VOCs	Does not store VOCs
A26ST20B	N/A	40 CFR Part 61, Subpart FF	Does not contain or store benzene waste
A26ST20B	N/A	40 CFR Part 61, Subpart Y	Does not store benzene
A26ST20C	N/A	30 TAC Chapter 115, Storage of VOCs	Does not store VOCs
A26ST20C	N/A	40 CFR Part 61, Subpart FF	Does not contain or store benzene waste
A26ST20C	N/A	40 CFR Part 61, Subpart Y	Does not store benzene
A26ST20F	N/A	30 TAC Chapter 115, Storage of VOCs	Does not store VOCs
A26ST20F	N/A	40 CFR Part 61, Subpart FF	Does not contain or store benzene waste
A26ST20F	N/A	40 CFR Part 61, Subpart Y	Does not store benzene
A26ST20G	N/A	30 TAC Chapter 115, Storage of VOCs	Does not store VOCs
A26ST20G	N/A	40 CFR Part 61, Subpart FF	Does not contain or store benzene waste
A26ST20G	N/A	40 CFR Part 61, Subpart Y	Does not store benzene
A26ST20J	N/A	30 TAC Chapter 115, Storage of VOCs	Does not store VOCs
A26ST20J	N/A	40 CFR Part 60, Subpart Kb	Constructed after July 23, 1984, design capacity > 39,900 gallons and TVP < 0.5 psia
A26ST20J	N/A	40 CFR Part 61, Subpart FF	Does not contain or store benzene waste
A26ST20J	N/A	40 CFR Part 61, Subpart Y	Does not store benzene
A26ST20L	N/A	30 TAC Chapter 115, Storage of VOCs	Does not store VOCs
A26ST20L	N/A	40 CFR Part 60, Subpart Ka	Constructed after May 18, 1978 and prior to July 23, 1984 and does not store petroleum liquids

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
A26ST20L	N/A	40 CFR Part 61, Subpart FF	Does not contain or store benzene waste
A26ST20L	N/A	40 CFR Part 61, Subpart Y	Does not store benzene
A26ST31A	N/A	30 TAC Chapter 115, Storage of VOCs	Does not store VOCs
A26ST31A	N/A	40 CFR Part 60, Subpart Kb	Constructed after July 23, 1984 and design capacity < 19,800 gallons
A26ST31A	N/A	40 CFR Part 61, Subpart FF	Does not contain or store benzene waste
A26ST31A	N/A	40 CFR Part 61, Subpart Y	Does not store benzene
A26ST31B	N/A	30 TAC Chapter 115, Storage of VOCs	Does not store VOCs
A26ST31B	N/A	40 CFR Part 60, Subpart Kb	Does not store VOL
A26ST31B	N/A	40 CFR Part 61, Subpart FF	Does not contain or store benzene waste
A26ST31B	N/A	40 CFR Part 61, Subpart Y	Does not store benzene
A26ST500A	N/A	30 TAC Chapter 115, Storage of VOCs	Does not store VOCs
A26ST500A	N/A	40 CFR Part 60, Subpart Kb	Constructed after July 23, 1984, design capacity > 39,900 gallons and TVP < 0.5 psia
A26ST500A	N/A	40 CFR Part 61, Subpart FF	Does not contain or store benzene waste
A26ST500A	N/A	40 CFR Part 61, Subpart Y	Does not store benzene
A26ST500B	N/A	30 TAC Chapter 115, Storage of VOCs	Does not store VOCs
A26ST500B	N/A	40 CFR Part 60, Subpart K	Constructed after June 11, 1973 and prior to May 19, 1978 and does not store petroleum liquids
A26ST500B	N/A	40 CFR Part 61, Subpart FF	Does not contain or store benzene waste
A26ST500B	N/A	40 CFR Part 61, Subpart Y	Does not store benzene

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
A26SV509	N/A	40 CFR Part 60, Subpart NNN	Affected facility does not meet the definition of a SOCMI distillation operation and does not produce any of the chemicals listed in 60.667.
A26SV510	N/A	40 CFR Part 60, Subpart NNN	Affected facility does not meet the definition of a SOCMI distillation operation and does not produce any of the chemicals listed in 60.667.
A26SV513	N/A	40 CFR Part 60, Subpart NNN	Affected facility does not meet the definition of a SOCMI distillation operation and does not produce any of the chemicals listed in 60.667.
A26VEB500	N/A	30 TAC Chapter 112, Sulfur Compounds	Not a liquid fuel-fired steam generator, furnace, or heater.
A26VEB500	N/A	40 CFR Part 60, Subpart D	Maximum design heat input < 250 MMBtu/hr
A26VEB500	N/A	40 CFR Part 60, Subpart Da	Not an electric utility steam generating unit
A26VEB500	N/A	40 CFR Part 60, Subpart Db	Heat input capacity < 100 MMBtu/hr
A26VEB500	N/A	40 CFR Part 60, Subpart Dc	No construction, reconstruction, or modification after 6/9/89
A26VEB500	N/A	40 CFR Part 63, Subpart DDDDD	Does not meet the definition of a boiler; waste heat boilers are excluded.
A26VERX104	N/A	40 CFR Part 60, Subpart III	Affected facility does not meet the definition of an oxidation reactor and does not produce any of the chemicals listed in 60.617.
A26VERX104	N/A	40 CFR Part 60, Subpart RRR	Affected facility does not meet the definition of a SOCMI chemical reactor process and does not produce any of the chemicals listed in 60.707.
A26VERX320	N/A	40 CFR Part 60, Subpart III	Affected facility does not meet the definition of an

Permit Shield

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Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
			oxidation reactor and does not produce any of the chemicals listed in 60.617.
A26VERX320	N/A	40 CFR Part 60, Subpart RRR	Affected facility does not meet the definition of a SOCM chemical reactor process and does not produce any of the chemicals listed in 60.707.
A26VERX3A	N/A	40 CFR Part 60, Subpart III	Affected facility does not meet the definition of an oxidation reactor and does not produce any of the chemicals listed in 60.617.
A26VERX3A	N/A	40 CFR Part 60, Subpart RRR	Affected facility does not meet the definition of a SOCM chemical reactor process and does not produce any of the chemicals listed in 60.707.
A26VERXR20	N/A	40 CFR Part 60, Subpart III	Affected facility does not meet the definition of an oxidation reactor and does not produce any of the chemicals listed in 60.617.
A26VERXR20	N/A	40 CFR Part 60, Subpart RRR	Affected facility does not meet the definition of a SOCM chemical reactor process and does not produce any of the chemicals listed in 60.707.
A26VEST107	N/A	30 TAC Chapter 115, Storage of VOCs	Does not store VOCs
A26VEST107	N/A	40 CFR Part 61, Subpart FF	Does not contain or store benzene waste
A26VEST107	N/A	40 CFR Part 61, Subpart Y	Does not store benzene
A26VEST14B	N/A	30 TAC Chapter 115, Storage of VOCs	Does not store VOCs
A26VEST14B	N/A	40 CFR Part 60, Subpart Ka	Constructed after May 18, 1978 and prior to July 23, 1984 and does not store petroleum liquids
A26VEST14B	N/A	40 CFR Part 61, Subpart FF	Does not contain or store benzene waste

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
A26VEST14B	N/A	40 CFR Part 61, Subpart Y	Does not store benzene
A26VEST15C	N/A	40 CFR Part 61, Subpart FF	Does not contain or store benzene waste
A26VEST15C	N/A	40 CFR Part 61, Subpart Y	Does not store benzene
A26VEST20D	N/A	30 TAC Chapter 115, Storage of VOCs	Does not store VOCs
A26VEST20D	N/A	40 CFR Part 61, Subpart FF	Does not contain or store benzene waste
A26VEST20D	N/A	40 CFR Part 61, Subpart Y	Does not store benzene
A26VEST20E	N/A	30 TAC Chapter 115, Storage of VOCs	Does not store VOCs
A26VEST20E	N/A	40 CFR Part 61, Subpart FF	Does not contain or store benzene waste
A26VEST20E	N/A	40 CFR Part 61, Subpart Y	Does not store benzene
A26VEST20H	N/A	30 TAC Chapter 115, Storage of VOCs	Does not store VOCs
A26VEST20H	N/A	40 CFR Part 60, Subpart Kb	Constructed after July 23, 1984, design capacity > 39,900 gallons and TVP < 0.5 psia
A26VEST20H	N/A	40 CFR Part 61, Subpart FF	Does not contain or store benzene waste
A26VEST20H	N/A	40 CFR Part 61, Subpart Y	Does not store benzene
A26VEST25A	N/A	30 TAC Chapter 115, Storage of VOCs	Does not store VOCs
A26VEST25A	N/A	40 CFR Part 60, Subpart Kb	Constructed after July 23, 1984, design capacity > 39,900 gallons and TVP < 0.5 psia
A26VEST25A	N/A	40 CFR Part 61, Subpart FF	Does not contain or store benzene waste
A26VEST25A	N/A	40 CFR Part 61, Subpart Y	Does not store benzene
A26VEST275	N/A	40 CFR Part 60, Subpart Kb	Constructed after July 23, 1984, and vapor pressure < 2.2 psia

Permit Shield

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Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
A26VEST275	N/A	40 CFR Part 61, Subpart FF	Does not contain or store benzene waste
A26VEST275	N/A	40 CFR Part 61, Subpart Y	Does not store benzene
A26VEST330	N/A	30 TAC Chapter 115, Storage of VOCs	Does not store VOCs
A26VEST330	N/A	40 CFR Part 60, Subpart Kb	Constructed after July 23, 1984 and design capacity < 19,800 gallons
A26VEST330	N/A	40 CFR Part 61, Subpart FF	Is not located at a chemical manufacturing plant, coke by-product recovery plant, or petroleum refinery that contains, produces, or stores benzene waste.
A26VEST330	N/A	40 CFR Part 61, Subpart Y	Does not store benzene
A26VEST340	N/A	30 TAC Chapter 115, Storage of VOCs	Constructed after July 23, 1984, design capacity > 39,900 gallons and TVP < 0.5 psia
A26VEST340	N/A	40 CFR Part 61, Subpart FF	Does not contain or store benzene waste
A26VEST340	N/A	40 CFR Part 61, Subpart Y	Does not store benzene
A26VEST517	N/A	30 TAC Chapter 115, Storage of VOCs	Does not store VOCs
A26VEST517	N/A	40 CFR Part 60, Subpart Kb	Constructed after July 23, 1984 and design capacity < 19,800 gallons
A26VEST517	N/A	40 CFR Part 61, Subpart FF	Does not contain or store benzene waste
A26VEST517	N/A	40 CFR Part 61, Subpart Y	Does not store benzene
A26VEST518	N/A	30 TAC Chapter 115, Storage of VOCs	Does not store VOCs
A26VEST518	N/A	40 CFR Part 60, Subpart Kb	Constructed after July 23, 1984 and design capacity < 19,800 gallons
A26VEST518	N/A	40 CFR Part 61, Subpart FF	Does not contain or store benzene waste

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
A26VEST518	N/A	40 CFR Part 61, Subpart Y	Does not store benzene
A26VEST550	N/A	40 CFR Part 60, Subpart Kb	Constructed after July 23, 1984, design capacity > 39,900 gallons and TVP < 0.5 psia
A26VEST550	N/A	40 CFR Part 61, Subpart FF	Does not contain or store benzene waste
A26VEST550	N/A	40 CFR Part 61, Subpart Y	Does not store benzene
A26VESV207	N/A	30 TAC Chapter 115, Storage of VOCs	Does not store VOCs
A26VESV207	N/A	40 CFR Part 60, Subpart Ka	Constructed after May 18, 1978 and prior to July 23, 1984 and does not store petroleum liquids
A26VESV207	N/A	40 CFR Part 61, Subpart FF	Does not contain or store benzene waste
A26VESV207	N/A	40 CFR Part 61, Subpart Y	Does not store benzene
A26WT622	N/A	30 TAC Chapter 115, Storage of VOCs	Does not store VOCs
A26WT622	N/A	40 CFR Part 60, Subpart Kb	Does not store VOL
A26WT622	N/A	40 CFR Part 61, Subpart FF	Does not contain or store benzene waste
A26WT622	N/A	40 CFR Part 61, Subpart Y	Does not store benzene

New Source Review Authorization References

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New Source Review Authorization References

The New Source Review authorizations listed in the table below are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Title 30 TAC Chapter 116 Permits, Special Permits, and Other Authorizations (Other Than Permits By Rule, PSD Permits, or NA Permits) for the Application Area.	
Authorization No.: 1472	Issuance Date: 07/27/2011
Permits By Rule (30 TAC Chapter 106) for the Application Area	
Number: 106.124	Version No./Date: 09/04/2000
Number: 106.261	Version No./Date: 12/24/1998
Number: 106.261	Version No./Date: 11/01/2003
Number: 106.261	Version No./Date: 11/02/2003
Number: 106.262	Version No./Date: 03/14/1997
Number: 106.262	Version No./Date: 12/24/1998
Number: 106.262	Version No./Date: 09/04/2000
Number: 106.262	Version No./Date: 11/01/2003
Number: 106.263	Version No./Date: 11/01/2001
Number: 106.264	Version No./Date: 09/04/2000
Number: 106.371	Version No./Date: 03/14/1997
Number: 106.452	Version No./Date: 03/14/1997
Number: 106.472	Version No./Date: 09/04/2000
Number: 51	Version No./Date: 07/20/1992

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
A26DU505A	T-505A: AMMONIA	1472
A26DU514	T-514: COLUMN	1472
A26DUT-11	T-11: CHELANT BOILOFF COLUMN	1472
A26DUT-1	T-1: AMMONIA ABSORBER COLUMN	1472
A26DUT-515	T-515: NACN ABSORBER COLUMN	1472
A26PT12	D-12: PROCESS TANK	1472
A26PT18A	D-18A: NAOH/NACN TANK FOR REACTOR FEED	1472, 106.472/09/04/2000
A26PT18B	D-18B: NAOH/NACN TANK FOR REACTOR FEED	1472
A26PT19B	D-19B: PROCESS TANK	1472
A26PT202	D-202: VERSENE STORAGE TANK FM D-208	1472
A26PT204	D-204: EV-1 OVERHEAD CONDENSATE TANK (FEEDS D-203)	1472
A26PT205	D-205: MOTHER LIQUOR FROM CF-1/CF-2	1472
A26PT206	D-206: R-607/R-605 FEED TANK	1472
A26PT208	D-208: VERSENE SLURRY TANK FM CF-2	1472
A26PT209	D-209: VERSENE FEED TANK TO EV-1	1472
A26PT210	D-210: VERSENE WASH WATER TANK	1472
A26PT219	D-219: TOTE BIN WASH TANK	1472
A26PT25B	D-25B: PRODUCT TANK	1472
A26PT29	D-29: PROCESS TANK	1472
A26PT2B	D-2B: CONDENSATE DRUM FROM STEAM TRAPS	1472
A26PT504	D-504: T-6 FLAME ARRESTOR	1472

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
A26PT524	D-524: VERSENE (CA) CRUDE STORAGE TANK	1472
A26PT600A	D-600A: FL-600 VACUUM POT	1472
A26PT600B	D-600B: FL-600 VACUUM POT	1472
A26PT600C	D-600C: FL-600 VACUUM POT	1472
A26PT600D	D-600D: FL-600 VACUUM POT	1472
A26PT603	D-603: ACID SLURRY FEED TANK	1472
A26PT607	R-607: ACID SLURRYFLASH COOLER	1472
A26PT624	D-624: FL--600 WASH WATER RECYCLE TANK	1472
A26PTR24	R-24: ACID SLURRY FEED TANK	1472
A26PTR26	R-26: CHELANT TANK	1472
A26RX528A	R-528A: LIQUID VERSENE REACTOR	1472
A26RX528B	R-528B: LIQUID VERSENE REACTOR	1472
A26RX528C	R-528C: LIQUID VERSENE REACTOR	1472
A26RX528D	R-528D: LIQUID VERSENE REACTOR	1472
A26RX6	T-6:GN REACTOR COLUMN	1472
A26RXR2	R-2: IRON VERSENOL REACTOR	1472
A26RXR3B	R-3B: SPECIALTY BATCH REACTOR	1472
A26RXR505	R-505: CYANIDE REACTOR	1472
A26RXR526	R-526: BATCH REACTOR	1472
A26RXR527	R-527: BATCH REACTOR	1472
A26RXR605	R-605: BATCH REACTOR (CRYSTALIZER)	1472

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
A26SP6A	D-6A:C-1 DISCHARGE SEPARATOR	1472
A26ST105	D-105: SPARE (UNUSED) STORAGE TANK	1472
A26ST106	D-106: STORAGE TANK	1472
A26ST109	D-109: STORAGE TANK	1472
A26ST111	D-111: STORAGE TANK	1472
A26ST15D	D-15D: STORAGE TANK	1472
A26ST20A	D-20A: STORAGE TANK	1472
A26ST20B	D-20B: STORAGE TANK	1472
A26ST20C	D-20C: STORAGE TANK	1472
A26ST20F	D-20F: STORAGE TANK	1472, 106.472/09/04/2000
A26ST20G	D-20G: STORAGE TANK	1472
A26ST20J	D-20J: STORAGE TANK	1472
A26ST20L	D-20L: STORAGE TANK	1472
A26ST31A	D-31A: VERSENE (MG) STORAGE TANK	1472
A26ST31B	D-31B: STORAGE TANK	1472
A26ST500A	V-500A: VERSENE STORAGE TANK	1472
A26ST500B	V-500B: VERSENEX STORAGE TANK	1472
A26SV509	T-509: AMMONIA RECOVERY COLUMN	1472
A26SV510	T-510: AMMONIA RECOVERY COLUMN	1472
A26SV513	T-513: CYANIDE STRIPPER COLUMN	1472
A26VEB500	WGB-500: WASTE GAS BOILER	1472

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
A26VEF1	F-1 VERSENE FLARE	1472
A26VEFU1	PROCESS FUGITIVES	1472, 106.261/11/02/2003, 106.262/11/01/2003, 106.264/09/04/2000
A26VEFUHCN	HCN PROCESS FUGITIVES	1472
A26VELR01	LR-01: A-2620 LOAD RACK (4 SPOTS W/ 2 SIMUL LOADS)	1472
A26VELR02	LR-02: TRACK 942 SPOT 1,2 & 3	1472
A26VELR06	LR-06: TRACK 941 SPOT 1,2 & 3	1472
A26VELR07	LR-07 TRACK 943 HCHO UNLOADING	1472
A26VERX104	R-104: SPEC PLANT UTILITY REACTOR	1472
A26VERX320	R-320: FE CHELATE REACTOR	1472, 106.261/11/01/2003
A26VERX3A	R-3A: SPECIALTY BATCH REACTOR	1472, 106.124/09/04/2000
A26VERX505	R-505 PROCESS VENT	1472
A26VERXR20	R-20: EDTA AMMONIATION REACTOR	1472
A26VEST107	D-107: STORAGE TANK	1472
A26VEST13A	D-13A: PROCESS TANK	1472
A26VEST13B	D-13B: PROCESS TANK	1472
A26VEST14B	D-14B: STORAGE TANK	1472
A26VEST15C	D-15C: STORAGE TANK	1472
A26VEST20D	D-20D STORAGE TANK	1472
A26VEST20E	D-20E STORAGE TANK	1472
A26VEST20H	D-20H STORAGE TANK	1472

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
A26VEST25A	D-25A PRODUCT TANK	1472
A26VEST275	D-275: STORAGE TANK	1472
A26VEST330	D-330: FE CHELANT AIRING TANK (BLOW AIR THROUGH C	1472
A26VEST340	D-340 STORAGE TANK	1472
A26VEST513	D-513:GN TANK (PH ADJUST) FOR FEEDING REACTORS	1472
A26VEST517	D-517: WASTE WATER TANK	1472
A26VEST518	D-518: WASTE WATER TANK	1472
A26VEST550	STORAGE TANK D-550	1472
A26VESV207	D-207: DR-201 SCRUBBER	1472
A26WT622	D-622: FL-600 MOTHER LIQUOR COLLECTION TANK	1472
PROVER	PROCESS UNIT ID FOR VERSENE PLANT	1472

Schedules

Compliance Schedule 64

Compliance Schedule

A. Compliance Schedule				
1. Specific Non-Compliance Situation				
Unit/Group/ Process ID. No(s).	SOP Index No.	Pollutant	Applicable Requirement	
			Citation	Text Description
A26SV510	N/A	Formaldehyde & Methanol	116.111, ST&C #13	Submit a completed (according to 116.111) permit amendment application. Comply with the requirements of NSR authorizations issued or claimed.
2. Compliance Status Assessment Method and Records Location				
Compliance Status Assessment Method			Location of Records/Documentation	
Citation	Text Description			
116.111	Submit NSR Permit to add Formaldehyde and Methanol to MAERT for T-510 scrubber along with their potential to emit emissions.		NSR Permit 1472 and all application are kept on site.	
3. Non-compliance Situation Description				
Formaldehyde and Methanol emissions from the T-510 scrubber are not authorized under NSR permit 1472.				
4. Corrective Action Plan Description				
Submit NSR permit to add Formaldehyde and Methanol to MAERT for T-510 scrubber along with their potential to emit emissions. Within one month of NSR permit issuance submit Title V revision application.				
5. List of Activities/Milestones to Implement the Corrective Action Plan				
1	Conduct performance test on A26SV510 (completion date - 4/10/2018).			
2	Obtain NSR authorization (#1472) to add Formaldehyde and Methanol to MAERT for T-510 scrubber (Amendment/renewal application pending).			
6. Previously Submitted Compliance Plan(s)		Type of Action		Date Submitted
7. Progress Report Submission Schedule		Every 6 months. First progress report submitted 09/29/2018.		

Appendix A

Acronym List 66

Acronym List

The following abbreviations or acronyms may be used in this permit:

ACFM	actual cubic feet per minute
AMOC	alternate means of control
ARP	Acid Rain Program
ASTM	American Society of Testing and Materials
B/PA	Beaumont/Port Arthur (nonattainment area)
CAM	Compliance Assurance Monitoring
CD	control device
CEMS	continuous emissions monitoring system
CFR	Code of Federal Regulations
COMS	continuous opacity monitoring system
CVS	closed vent system
D/FW	Dallas/Fort Worth (nonattainment area)
EP	emission point
EPA	U.S. Environmental Protection Agency
EU	emission unit
FCAA Amendments	Federal Clean Air Act Amendments
FOP	federal operating permit
gr/100 scf	grains per 100 standard cubic feet
HAP	hazardous air pollutant
H/G/B	Houston/Galveston/Brazoria (nonattainment area)
H ₂ S	hydrogen sulfide
ID No.	identification number
lb/hr	pound(s) per hour
MACT	Maximum Achievable Control Technology (40 CFR Part 63)
MMBtu/hr	Million British thermal units per hour
NA	nonattainment
N/A	not applicable
NADB	National Allowance Data Base
NESHAP	National Emission Standards for Hazardous Air Pollutants (40 CFR Part 61)
NO _x	nitrogen oxides
NSPS	New Source Performance Standard (40 CFR Part 60)
NSR	New Source Review
ORIS	Office of Regulatory Information Systems
Pb	lead
PBR	Permit By Rule
PEMS	predictive emissions monitoring system
PM	particulate matter
ppmv	parts per million by volume
PRO	process unit
PSD	prevention of significant deterioration
psia	pounds per square inch absolute
SIP	state implementation plan
SO ₂	sulfur dioxide
TCEQ	Texas Commission on Environmental Quality
TSP	total suspended particulate
TVP	true vapor pressure
U.S.C.	United States Code
VOC	volatile organic compound